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No. 2669.

APRIL 4, 1931.

Vol. CXIV.

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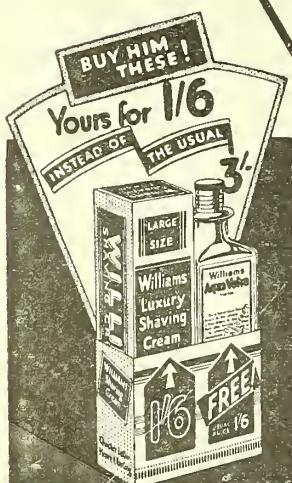
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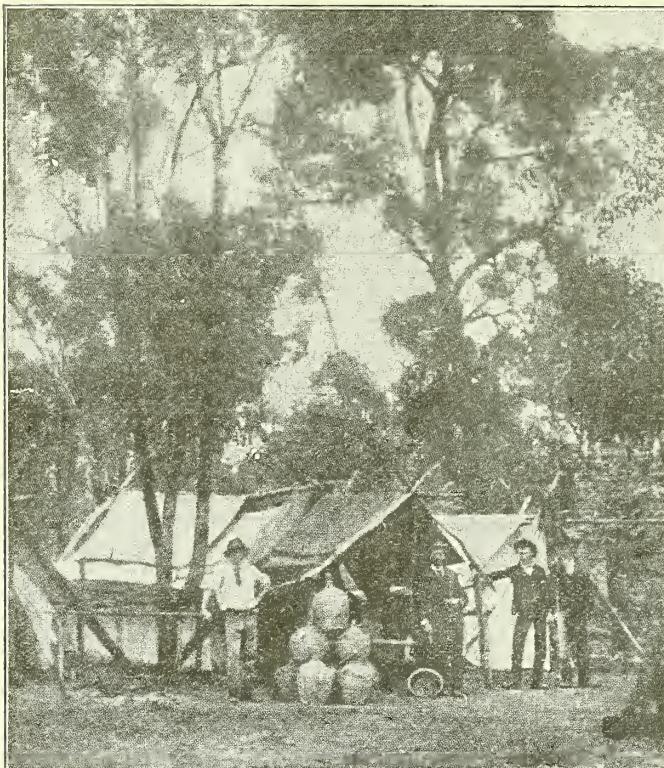
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EUCALYPTUS

AUSTRALIA

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handle and rectify large quantities of OI. Eucalypti Glob. B.P. and manufacture cineole, the isolate which is obtained from it.



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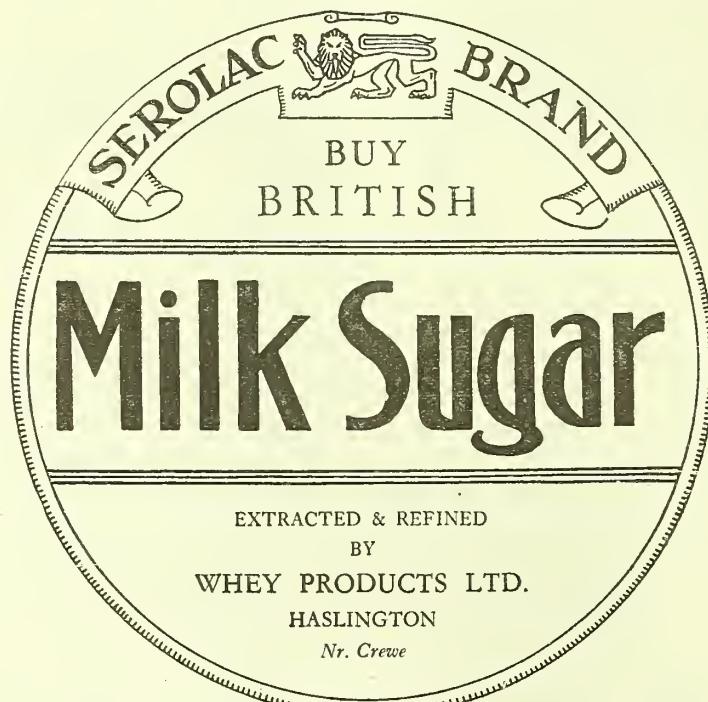
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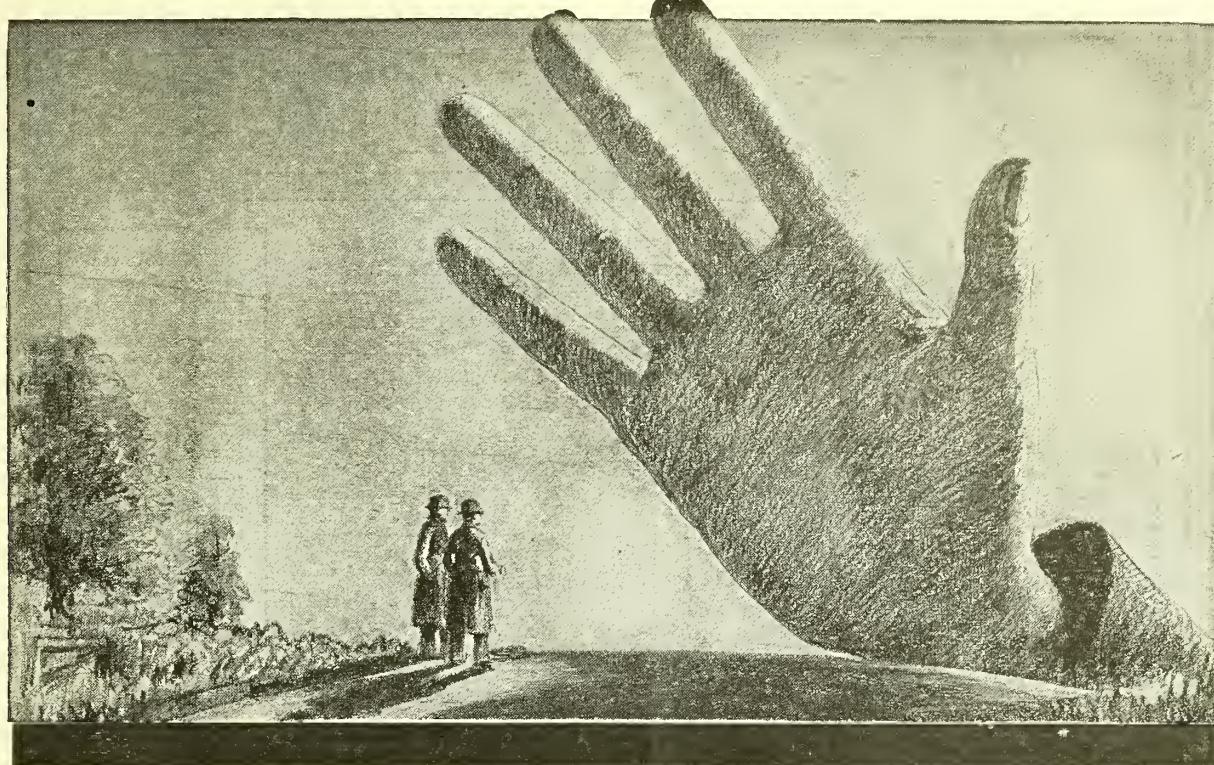
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The story of the growth of Cupal Limited from its very humble foundation to its present strength is literally a romance. In spite of present-day difficulties—it is surely something for which one can be proud, to be able to report that 1930 was one of the best years in the firm's history, furthermore 1931 is already establishing a new high water mark.

These accomplishments can only be made when one has got the right foundations, the practical business applications and a clientele willing and anxious to support trading relationship (apply this theory to your own retail Pharmacy and you will find the remarks perfectly applicable).

The prospects of this firm were never so good as they are at present—there is still a vast opportunity for further business, and whilst we look back upon the past years with thankfulness and give our sincerest thanks to all our loyal customers—we look ahead with even greater optimism.

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Build up your business in co-operation with Cupal, we never let any opportunity go by without consideration for the improvement of our products, whether it be as a result of research in Pharmacy, installing the very latest machinery or adopting printing embodying the very finest commercial artistry, each of which goes to improve the breed, for the birth of a successful preparation commences with quality.

Get interested in Cupal Limited because Cupal Limited is going to get interested in you. In your own Pharmacy do not sit down and moan at present conditions—keep smiling—keep working intelligently—keep alive to possibilities—keep hoping, renew your interest in business if you've lost it, get interest in your business if you've never had it—and with you, too, 1931 will be a prosperous year.

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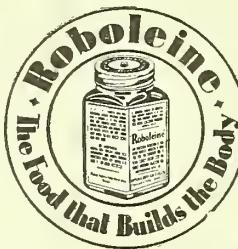
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"The value of this preparation to the marasmic or debilitated child is too obvious to call for discussion."

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Year after year the sales of Roboleine steadily increase, proving beyond all doubt that it consistently maintains its reputation with the medical profession and public alike. Every year thousands more benefit from the Roboleine treatment, and every customer that enters your shop to buy Roboleine is a potential customer for other lines.

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A Quick
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ROBOLEINE consists of—

BONE MARROW to make good red blood and increase resistance to disease, and strengthen the whole nervous system.

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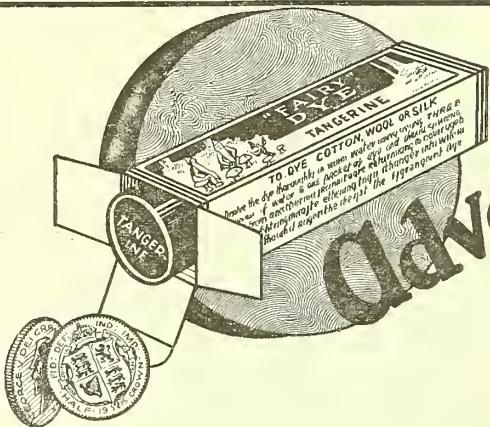
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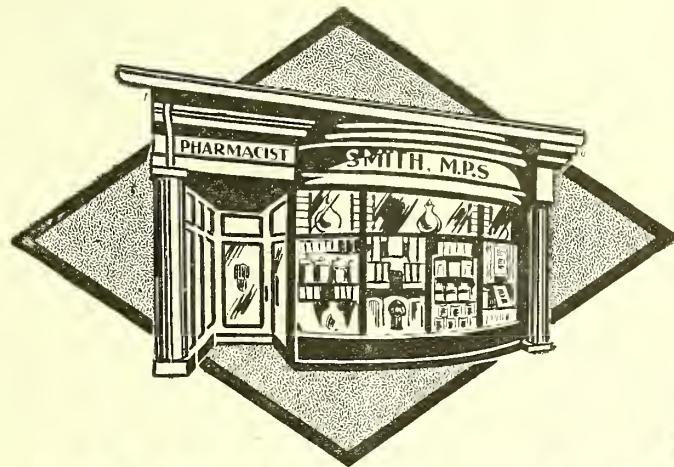
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Maw's Page



A PAT ON THE BACK!

The shop front has been described as the eye of a retail business. It might much better be described as the hand.

Merely to look on, however bright and intelligent the look may be, is not sufficient. Your shop front must do more. It must reach out and pat the prospective customer on the back.

It must, moreover, reach out just a little farther than the shop fronts of all your competitors. It must pat a little more insistently, a little more convincingly, a little more persuasively.

It must be friendly but not too familiar. It must not presume. Its greeting must be a pat on the back, not a slap or a punch.

It must sort of whisper in a cultured voice : "Excuse me just one moment, but here are some goods I am sure you would like to see."

And, having got the customer's attention, it must continue : "Not any sort of goods, but reliable goods at reasonable prices, goods worthy of phar-

maceutical tradition, goods you will find it profitable to purchase. Will you kindly step inside?"

Naturally, shop fronts like this are hard to come by. Designing them and building them requires knowledge and experience and sympathetic application, for pharmacy shop fronts are not as other shop fronts.

Maw's have been designing and building pharmacy shop fronts for many years, they can always secure the friendly yet gentlemanly pat on the back in a new shop front. They can nearly always introduce it into an old front where it is lacking.

Their experience, of course, is not limited to exteriors. They can put the same friendly, smiling, dignified yet powerful selling spirit into pharmacy interiors, both newly-built and reconstructed.

These right sort of pharmacy fronts and pharmacy interiors cost no more than the other sort. It is only a matter of going to the right people, to people who understand the requirements of the retail pharmacist as well as the mechanics of shopfitting.

If you have a problem in shopfitting, however large or small, an old corner or a square foot of floor space that can be made more profitable, a shop front that can be made to yield bigger dividends, write to us or discuss it with our representative when he calls. We will do the rest.

S. Maw, Son & Sons, Ltd.,
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BRITISH THROUGHOUT

3
for
1/-

5
for
1/8

"Eclipse" Blades represent the highest achievement of shaving comfort. They are made in our own Works in Sheffield right from the ingot of high grade Crucible Steel to the finished Blade of supreme and lasting keenness.

With your order for "Eclipse" Blades, the Manufacturers will send gratis a supply of these useful Containers for used Blades for free distribution to every purchaser of a packet of "Eclipse" Blades. These handy Containers solve the problem of how to dispose of used Razor Blades without fear of danger.

DISPLAY CARD complete with 10 Packets of 3's = £0 6 8
ONE BOX of 100 BLADES in Packets of 5's or 10's = £1 2 3
5 BOXES each of 100 BLADES in packets of 5's
or 10's = £1 1 8
Payment: Monthly Account less 2½%.

Order from your usual Wholesaler,
or direct from the Manufacturers.

JAMES NEILL & CO. (SHEFFIELD) LTD.
Crucible Steel Manufacturers SHEFFIELD.

E62



The Brushes are made in nine models, retailing from 3/6 to 18/6, all subject to generous discounts giving you a substantial living profit. Can be supplied through your usual wholesaler.

THE "MASON PEARSON" is the only *PERFECT* Hair-brush made and sold today; the reason being that the *only* perfect hair-brushing material—the black unbleached bristle of the Wild Boar—is used in its making.

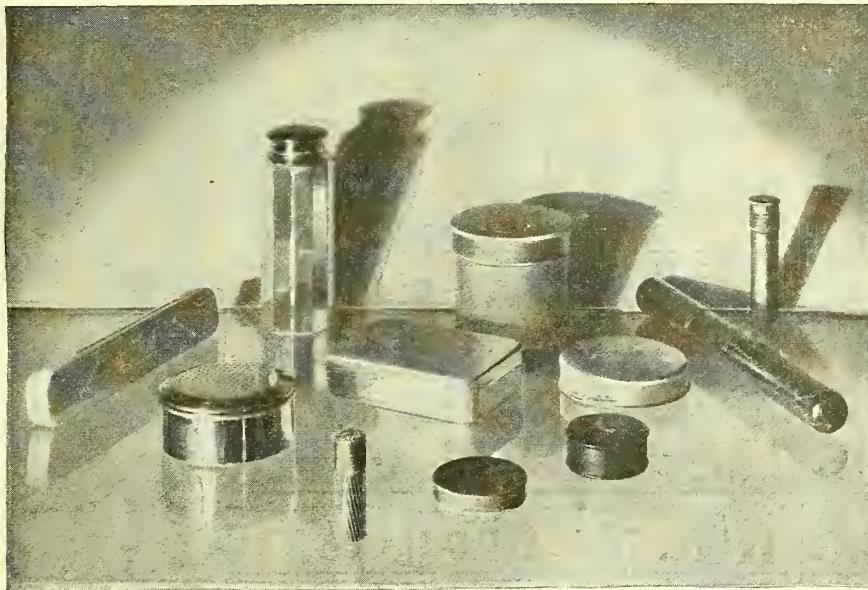
There is no disputing the fact that the "MASON PEARSON" brushes much more quickly than *ANY OTHER* brush; it brushes more efficiently; it cleanses the scalp more gently and thoroughly; it improves the general attractiveness of the Hair, and keeps it at its best. *No hair-brush can do more than this.*

By selling the "MASON PEARSON" Hair-Brush you enhance your own professional reputation through its good qualities.

MASON PEARSON HAIR-BRUSH

MASON PEARSON SELLING AGENCY LTD.

59 NEW OXFORD STREET, LONDON, W.C.1



Containers
that are
sturdy,
hygienic,
economical,
and rustless

With acknowledgments to H. G. Sanders & Son, Ltd., Southall.

BRITISH GOODS
MERIT BRITISH CONTAINERS

Aluminium

THE BRITISH ALUMINIUM CO. LTD.
ALUMINIUM PRODUCERS, ADELAIDE HOUSE,
KING WILLIAM STREET, LONDON, E.C.4.
Telephone : Mansion House 5561 and 8074 (5 lines).
Telegrams : Cryolite, Bilgate, London.

Have you seen our Booklet work - - - ?

WE don't like to brag, but really we are proud of our booklets.

It is not an easy matter to design and produce a really effective booklet, but there is no doubt that we have the layout men, the right kind of "type" and compositors experienced in this class of work to ensure a first-class production at a competitive price.

The sales of Medical and Toilet Goods depends largely upon booklets for their success. If you saw some of our productions you would agree that they have character and style distinctly their own. May we show you examples?

BOOKLETS-SHOWCARDS-CARTONS-LABELS-ENVELOPES, etc.

ALF. HARRISON & SONS, LTD.
Chemists' & Advertising Printers, Burley Rd., Leeds

HINDS HONEY & ALMOND CREAM

SPECIAL BONUS OFFER
CLOSING ON APRIL 15TH.

£2 parcel - profit on return - **41%**

£4 parcel - profit on return - **43½%**

This Special Offer is made to encourage
YOU to display Hinds Cream while our
advertising is at its height.
There are still a few days left for you to
take advantage of this "Big Profit"
opportunity. Send for particulars **NOW**.

..... OLD STYLE BOTTLES

Two months have elapsed since we asked for all old style 6d. and 1/- bottles to be returned. We feel we have made a generous time allowance and, therefore, ask all Chemists to examine their stocks and return any old bottles (purchased prior to 18th December, 1930) that may have been overlooked *without delay* as we shall not be able to allow full credit after 15th April. If you have a few old bottles left let us credit you against a bonus order.

LYSOL LTD. LONDON S.W.20

VACUUM FLASKS

PINTS

Per dozen	- - - - -	9/6
3-dozen lots	- - - per doz.	9/-
100's	- - - - " "	8/9

ORIGINAL CASES OF 250
Free Cases - - Carriage Paid

At 8/6 per doz.

ALL THERMOS

and

LIP VAC

Flasks at Lowest Prices.

Get Thermos' Spring Bonus Offer from Ayrtons

FROM
AYRTONS

It is so Refreshing!



Frozocclone

THE ORIGINAL SOLID
EAU de COLOGNE

Frozocclone
REGD.

is the Original
Solid Eau de Cologne

This Showcard in full colours is now being displayed in London's Underground. There is bound to be a big response from the discriminating public. Therefore stock NOW.



Actual size of large packing.

Retail P.A.T.A. 3s. 6d. & 2s. 0d.

Per doz. 32s. 0d. , , 18s. 0d.

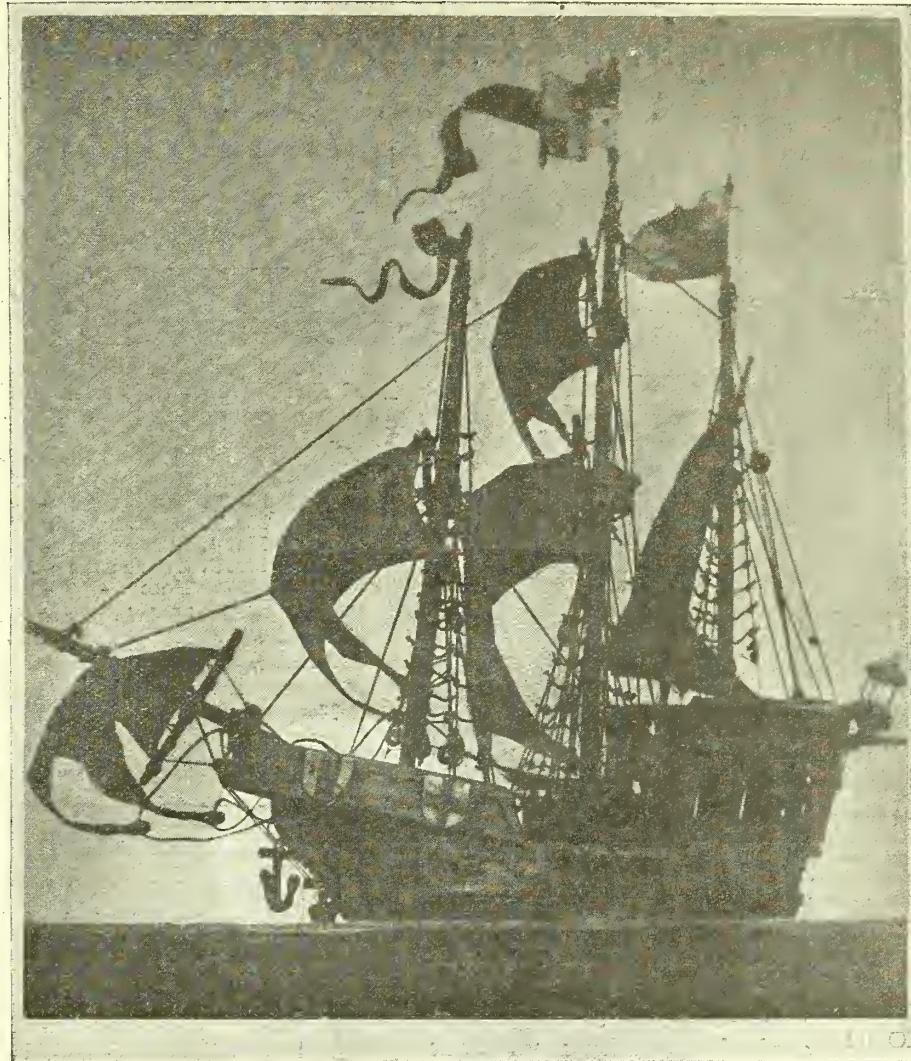
WARNING!

Imitations have been produced under a similar name and style of packing, closely resembling Frozocclone in outward appearance only, with the object of misleading the public. Proceedings have been taken, and always will be rigorously pursued, against all such imitations.

R. Demuth's Laboratories
68 Salisbury Road & Montrose Av.
LONDON, N.W.6

Phone : Maida Vale 5349

The 1931 Photographic Season is at hand. . . . Those manufacturers and dealers who want to sell apparatus and materials would do well to avail themselves of this unique opportunity to display their goods



A PHOTOGRAPHIC SUPPLEMENT

as part of The Chemist and Druggist of April 25th, 1931, will give a splendid opportunity to manufacturers and dealers to display their photographic materials and accessories. This Supplement will be printed in Royal Blue ink on Cambridge Blue paper. Fuller information regarding advertising space still vacant may be obtained from the Publisher.

The **CHEMIST and DRUGGIST**
28 ESSEX STREET, STRAND, LONDON, W.C.2

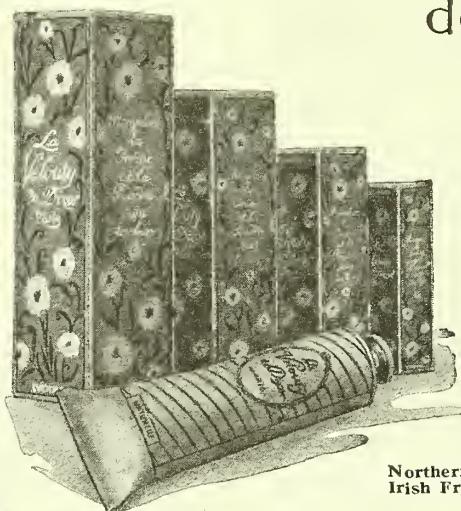
Telephone: Central 6565. Telegrams: "Chemicus, Strand, London" (2 words).

B B

the original combined Cream and Powder

la VELOUTY

de DIXOR Paris



The advertised line that you are asked for.

NOW ON P.A.T.A.

Samples free upon receipt of trade card or billhead.

PRICES :—No. 1. Handbag tube	3/-	doz.	Retail	- 4½/-
No. 2. Small tube	- 4/-	"	"	- 6/-
No. 3. Medium tube	7/-	"	"	1/-
No. 4. Large tube	- 14/-	"	"	2/-
No. 5. Super tube	- 22/-	"	"	3/-
Pots	- 21/-	"	"	2/-

Made in four shades :

WHITE, IVORY, NATURAL and OCHRE.

Obtainable from your regular Wholesaler or direct from the Sole British Agents :

DEBACQ & HARROP,
68 Newman Street, Oxford Street, London, W.1.
Sole Distributors for

Northern Ireland : ROBERT MAYRS & CO., 43 Chichester Street, BELFAST
Irish Free State : MAY, ROBERTS & CO. LTD., Grand Canal Quay, DUBLIN

TENNIS !!

The Sport of probably the majority of your younger customers, and the most prolific cause of GNAT BITES.

SHOW

NADA

INSECT BITE PERFUME

NOW—Later it will Sell Itself.

1 Dozen Bottles on Card, 7/-

(GLASS STOPPERED AND WITH GILT CAP)

"NEWBERYS"

(F. NEWBERY & SONS LTD.)

CHARTERHOUSE SQUARE

CARDIFF
Tredegar House,
Hope Street

LONDON, E.C.1

LIVERPOOL
22 College Lane

JACKEL'S

OILAFIX

Here is a new composition—quite apart from Jackel's Original Hair Cream, and not a competitor—specially prepared to meet an actual demand for an oily preparation. Already Oilafix has made a hit and we recommend you to stock it, together with the Original Jackel's Hair Cream.

OILAFIX Trade Terms :

12/- per doz., retailing at 1/6 per bott.

20/- per doz., retailing at 2/6 per bott.

JACKEL'S HAIR CREAM

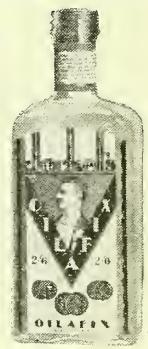
11 6/- per doz., retailing at 1/6 per bott.

18/- per doz., retailing at 2/6 per bott.

JACKEL et CIE (of Paris) Ltd.

GLASGOW, C.2

London Agents : THE PHIL-SANO Co. Ltd., Craven House, Kingsway, W.C.2



For Speedy Sales—

WANIE

The 12 Shave-power Blade

A WINNER
EVERY TIME !

8/- PER GROSS

For Sample, write to—
Dept. C.D.,

WANIE DISTRIBUTING CO.

89 Aldgate High St., E.O.3

Northern Distributors : S. Kalisky (Aldgate), Ltd., 16 Withy Grove, Manchester.
Irish Free State Agents : Messrs. W. A. Freedman & Co., 21 Merchant's Quay, Dublin.

© 1931 Wanier Manufacturing Co. Ltd.

WILLIAM EDWARDS & SONS

are SOLE DISTRIBUTING AGENTS for

Quin-Quenna

"Better than a Shampoo"

SUPPLIED IN THE FOLLOWING VARIETIES:

ROSEMARY - - -	retail at 3d., 6d,	NURSERY - - -	retail at 3d.
HENNA - - -	„ 6d.	PINE - - -	„ 6d.
EGG - - -	„ 6d.	CAMOMILE - - -	„ 6d.
TAR - - -	„ 6d.	PEROXIDE - - -	1/-

Prices to the Pharmacist 2/- doz., 4/- doz., 8/- doz.

Supplied 14 packets to the dozen.

WILLIAM EDWARDS & SONS
14-18 NILE STREET - - - CITY ROAD, N.1

SPHERE SUPERB POWDER PUFF

A new Puff made of Sylkie-down Velour. The pile on this beautiful puff is produced in such a way as to retain just sufficient powder to enable the user to apply it smoothly and evenly, without streaks, as is the case with coarser materials.

Supplied in assorted colours and sizes.

ATTRACTIVE DISPLAY BOX.

No. PF50 as illustrated, 2 doz.
in a box ... 6/6 per box.
Assorted Six Puffs each 2", 2½", 2¾",
and 3¼" to the box.

Wholesale only:
FAIRE BROS. & Co., Ltd., Leicester.



EUGENOL. CLOVE OIL. CINNAMON BARK OIL.

White, Tomkins & Courage Ltd.

REIGATE



**TWO
SIXPENNY
GOOD
SELLING
LINES**



**WILL INCREASE
YOUR
TURNOVER
AND PROFIT**

**BUTYWAVE
SHAMPOO**



**The better
blade
is
worth
the extra
cost**

JOHN WATTS (Sheffield & London) Limited
Lambert Works, SHEFFIELD.
Established over 150 years.
London: 18 Soho Square, W.I.

**The New Watts
"Mirror" Blades**

These wonderful Blades with their Rustless Reinforced Edges of Stainless Steel treated by a secret process are worth the extra cost. They are keener and give more and better shaves than any others on the market. The Edges are absolutely rustless in any climate.

Watts Mirror Blades
Packed in Patent Spring Lid Nickelled Containers of

10 for 3/4

Also Packed in cartons of
5 for 1/8
Giving the Retailer 66½% PROFIT on cost.

**MARIE ANTOINETTE
EGG JULEP SHAMPOO
POWDER**

DELICATELY PERFUMED.

Suitable for all Hair; keeps same Bright, Soft and Glossy.

Loose, 3d. Shampoos - - 19/- gross.
1/6 Boxes (seven 3d. Shampoos) - 12/- doz.

3 Boxes Bonus with 3 dozen order.

Established 35 years.

OFFER THIS : When customers ask for a colour-restorer for grey hair, or a tonic to stop falling or to promote growth, offer

MORGAN'S POMADE

You may do so in full confidence that it will perform what it promises; 40 years' reputation, a world-wide trade and thousands of testimonials support its claim to genuine merit. Retail 1/9 and 3/3 per pot; wholesale 14/- and 26/- per doz. Both Articles in the P.A.T.A. List. The MARIE ANTOINETTE CO., LTD. 149 JUNCTION ROAD, LONDON, N.19. (2)



CRÈME TOKALON ROSE COLOUR SKIN FOOD



RETAILS AT
ROSE COLOUR .. 1/3
WHITE (non-greasy) .. 1/-



A NON-COMPETITIVE LINE
BRINGING NEW MONEY
NEW BUSINESS

Extensively
Advertised in the
Popular Daily, Weekly
and Sunday Papers

*Write for
Attractive Trade Terms.*

TOKALON LTD. (Dept. C.D.)
Chase Rd., LONDON, N.W.10

For 137 years

Rowland's Macassar Oil has been a favourite dressing for the hair. It keeps the hair healthy, and prevents the encroachment of greyness and baldness.

Of all Wholesalers,

RETAIL,
3/6, 7/- & 10/6
P.A.T.A.



*If its
Customers
you want*

YOU SHOULD STOCK

PETAL DUST

*"Wherein the subtle savour of the Flowers
sublimely dwells."*

THE GREAT FLORAL AIR PURIFIER

A TRIAL WILL CONVINCE YOU THAT—

PETAL DUST, when once shown, creates its own demand, and is therefore a valuable adjunct to every "go-ahead" store.

PETAL DUST, when displayed prominently upon your counter, will attract prudent customers by the fragrance of its unique odour, which to-day is of such universal admiration.

RETAILS IN PACKETS AT 4d. AND 8d. EACH.

Attractive Advertising matter free on request.

Obtainable through all the usual Wholesale Houses or from Sole Producers :—

THE ROSMARINE MANUFACTURING CO.
LONDON, S.E.1

TAYLOR'S CIMOLITE TOILET POWDER

THE PERFECT POWDER FOR NURSERY USE



A perfectly bland and non-irritating Powder, invaluable in all cases of Excoriations, Chafing, Roughness of the Skin, etc. Recommended by eminent skin doctors and recognised as the leading Toilet Powder for over 70 years by the nursing profession. Used in the Royal Households.

In deference to the many requests received from users of "CIMOLITE" a sprinkler tin to retail at 1/1½ is now available. This new packing is in addition to the familiar 1/1½ packet which is still on the market.

When ordering please specify TINS or PACKETS.
"CIMOLITE," in all sizes, also CIMOLITE SOAP AND CREAM, is stocked by all Wholesale Chemists and Druggists.

TERMS and ILLUSTRATED PRICE LISTS, also ATTRACTIVE SHOWCARDS, Counter Bills and other selling literature, obtainable from JOHN TAYLOR, 30 Baker Street, Portman Square, LONDON, W.1.

"Ambrol"



THE NEW FIXATIVE HAIR CREAM Does Not "Powder" the Hair

"AMBROL" is entirely different from all other Hair Creams. It keeps the hair in position, but does not clog nor form a powder. The oily variety is perfectly emulsified and never requires shaking.

"AMBROL" is a high class line with the most attractive appearance of any cream on the market, being of a delightful golden tint, with a most artistic label in gold and colour.

1/- size 8/- dozen

1/6 " **12/- "**

2/- " **16/- "**

WITH OR WITHOUT OIL

Samples on application.

BONUS of THREE BOTTLES
with every three dozen, also name
and address on label.

THOS. CHRISTY & CO.
4 Old Swan Lane, London, E.C.

NUCTONE

LONGER HAIR MEANS MORE HAIR RECOLOURATION

With the new vogue for longer hair, hairdressers are finding an increased demand for hair recolouration. You must be finding this demand reflected in your business too. Make the most of it! Nuctone is the ideal tinting method for longer hair—it gives the hair back its normal colour, makes it more glossy and "alive," so that it takes kindly to the new hairdressing treatment. When a customer asks you for a safe, reliable hair recolouration method, always recommend Nuctone.

NUCTONE

FOR
GREY
HAIR

GRADUAL — In four shades—
Nuctone and Nuctone Concentré, Nuctone Eclaire and Eclaire Concentré.

3/9 per bottle 32/- per dozen

6/6 per bottle 52/- per dozen

Order through your wholesaler, or from

J. C. GAMBLIES & CO., LTD.
211 BLACKFRIARS RD., LONDON,
S.E.1

THEY DEMAND AMO

SHEFFIELD
STEEL

RAZOR
BLADES

SEND FOR
**FREE SAMPLE AND
BONUS TERMS**

AMO SAFETY RAZOR BLADE CO.
BROAD STREET HOUSE,
LONDON, E.C.2

MALTED FOODS

SPECIAL FOODS DEVISED, INQUIRIES INVITED

GEORGE KING & CO., LTD.
SYCAMORE ST., LONDON, E.C.I

'Phone : Clerkenwell 3383. Wires : "Food-o-kings, Barb. London."

IN TINS OR TONS

NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & CO., YORK



G. E. THURLEY & SON

Specialists in Liquid Paraffin

UNITY WORKS, LATIMER ROAD, LONDON, E.7

Telephone : Maryland 4686

IT WILL PAY YOU TO SEND US
YOUR
D & P

(Return Post Service)

Burney Snapshot Service, Boundary St., Belle Vue, Manchester

WE PAY POSTAGE BOTH WAYS.
FREE WALLETS WITH YOUR
NAME. Show Material and Linen
Window or Sunblind Streamer Free.
POST CARD ENLARGEMENTS 4*d*.

NOW READY.
THACKER'S INDIAN MEDICAL DIRECTORY, 1931

CONTENTS : Royal Army Medical Corps, Indian Medical Service, Indian Medical Department, Private Practitioners, Dentists and Dental Surgeons, Hospitals, Chemists and Druggists, Nurses and Midwives, Medical Missions.

Price - - NINE SHILLINGS, postage extra.
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Preliminary Instruction by Post is available for all Students who propose to attend the Day Classes.

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MANY SUCCESSES IN THE EXAMINATIONS

Your Opportunity to

QUALIFY IN OPTICS

PRACTICAL WORK. Students taking the course may receive personal tuition in the practical work AT ANY TIME DURING THE COURSE.

Expert Tuition for the SIGHT-TESTING DIPLOMAS of the Worshipful Company of Spectacle Makers (F.S.M.C.) ; the British Optical Association (F.B.O.A.) ; the National Association of Opticians (F.N.A.O.) ; or the College of Optics (F.C.O.).

Write for full particulars.

C.A. SCURR, M.P.S. F.S.M.C. F.B.O.A. F.N.A.O. B.Sc. F.I.O. F.C.O.
50 HIGH STREET, BARNET, LONDON, N.
S.A. Representative : E. E. G. WOOLLEY, F.S.M.C., M.P.S., P.O. Box 1789
Durban.
N.Z. Representative : R. C. AITCHISON, Box 158 PALMERSTON, North.

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(Founded by H. Wootton, B.Sc.) C. W. Gosling, Ph.C.
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SPECIALISTS IN TRAINING PHARMACISTS.

NEXT 6 MONTHS' PRELIMINARY SCIENTIFIC COURSE commences April 8th for September Examination.

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PREPARATORY POSTAL STUDIES available at all times.

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PRECIPITATED CHALK

LIGHTEST—MEDIUM—DENSE.
And All Other Grades To Suit Every Purpose.
CHEMICALS FOR ALL INDUSTRIES.

'Phone: Mansion House 7300. Tel. Add.: "Levermore, Phone, London."
A. LEVERMORE & CO. LTD. ABC Codes.
110 CANNON STREET, LONDON, E.C.4. 5th & 6th Editions.

PARAFFINUM LIQUIDUM B. EXTRA HIGH VISCOSITY P.

HOLROYD'S OIL & CERESINE CO., LTD.
3 New London St., London, E.C.3. 'Phone: 3395 Road.
Wires: Errikolroy Pen.

FRED^K. FINK & CO.

10 & 11 MINCING LANE, LONDON, E.C.3.

TEL: ROYAL 5094.

GUMS, ARABIC and TRAGACANTH as Imported or
Finely Powdered. :: SHELLACS ALL GRADES.

DRIED MILK

Large buyers of Full Cream, Half Cream, Separated, Milk Sugar, Whey Powder, Soluble Milk Casein, are invited to apply for samples and quotations, stating probable requirements. Eight Creameries in Dorset, Somerset and Wilts.
PRIDEAUX'S LTD., MOTCOMBE, SHAFTESBURY, DORSET

PHOSPHATE OF SODA, Pure

For Food Purposes
ASK FOR SAMPLE AND PRICES

PERRY & HOPE, LTD.

Forth and Clyde Chemical Works, NITSHILL.
Telephone: Giffnock 414 (2 lines). Telegrams: "Perryope, Nitshill."

"SANS-GENE" Described by the Medical Profession as the best Contraceptive on the market

5/- 42/- per dozen

"FORODOR" The perfect corrective for local perspiration 1/6 12/- per dozen

"ELIZABETH MCINTYRE" Skin Cream. An excellent cream for night use 2/6 20/- per dozen

PHARMACEUTICAL SUPPLIES LIMITED
120 VICTORIA STREET, LONDON, S.W.1 Tele: Victoria 9888

The REAL Eyelash GROWER

"Crescent" EYELASH OINTMENT

Recommended by Oculists and Beauty Specialists. Delights all Customers. Selling price 7/6 per pot. Trade 60/- per doz. Attractively packed for show purposes in Gold Cartons of half-a-dozen. Send now to—THE CRESCENT PREPARATIONS CO. 4 Woodlands Rd., LONDON, S.W.13 Phone: Putney 2149

This popular article is largely advertised and stocked by all Wholesale Houses. Trial size 8d. per doz. 1/4 size, per doz. 2/6 size, per doz. 3/9 size, per doz. 8/- 19/- 24/- 36/-

The SHADEINE CO., 58 Westbourne Grove, London, W.2

BATH &
TOILET
SALTS
DE LUXE



INSTANTLY
SOLUBLE
EVEN IN COLD WATER

Retail: 1/-, 3/6 & 6/6 P.A.T.A.
Patentees and Sole Manufacturers.
SUPERFINE CHEMICALS, Ltd., FELTHAM, MIDDLESEX.

TATCHO Sample Size 6d.
THE HAIR RESTORER

PROMOTES, PRODUCES, 1/3 size .. 12/6 per doz.
BEAUTIFIES THE HAIR 2/9 size .. 26/- per doz.
TATCHO Laboratories, 5 Great Queen Street, London, W.C.2

THE "SAFEGUARD"
BRAND OF RUBBER GOODS
Are SUPPLIED to CHEMISTS & DRUGGISTS ONLY
FINEST QUALITY. HYGIENIC PACKING
Write for Samples and Prices.

BURGE, WARREN & RIDGLEY, LTD.
81/92 GREAT SAFFRON HILL, E.C.1
Phone: Holborn 0050. Telegrams: Pessaries, Smith, London.

"CARNATION" CORN CAPS

THE CERTAIN CORN REMOVER. Well Advertised, Attractively Packed and gives complete satisfaction to your customer. Novel Window Show with gross orders.

COSTS 5/- PER DOZ. SELLS 9d. BOX.
CUXSON, GERRARD & CO., LTD., OLD BURY,
BIRMINGHAM

TABLET COMPRESSORS & PACKERS
TO THE TRADE

J. MAUD & CO., LTD.

Customers' own formula or material compressed from 1-gr. to 3½ oz.
OUR SPECIALTY—ASPIRIN AT CUT PRICES
34/8 NEW NORTH ROAD, LONDON, N.1 Tele: Clerk. 4320

Kissproof
REG TRADE MARK

The 1/- and 2/- lines are now being extensively advertised.
What about your stocks? THOS. CHRISTY & CO.

MOTHAKS

Prevent all damage by Moths

Moths won't go anywhere near "MOTHAKS."

"MOTHAKS" hung up in wardrobes and cupboards and placed in drawers make certain of the moths depositing their eggs elsewhere.

Furs, blankets, suits and clothes of every description are absolutely safe if guarded by "MOTHAKS."

"MOTHAKS" are packed in attractive Display Outers containing 1 doz. 6d. bags.

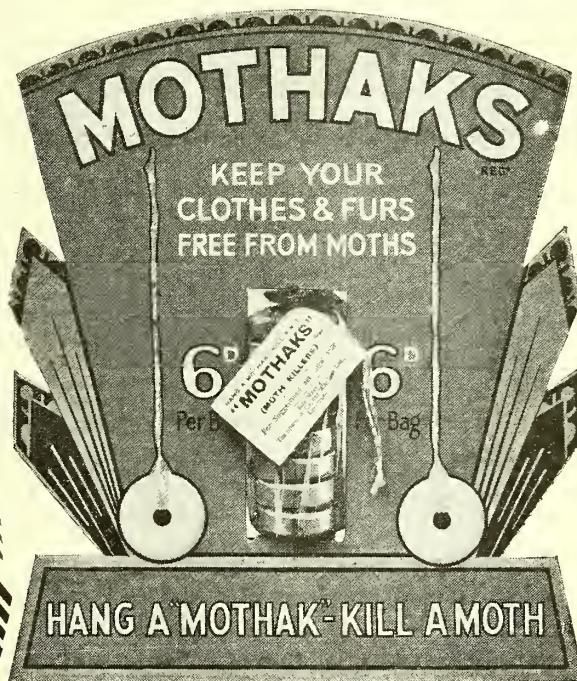
"MOTHAKS" SELL AT SIGHT

PRICES.—Minimum Retail Selling Price per bag of eight, 6d.; Wholesale Price per dozen, 4/-; Wholesale Price, 6 dozen, carriage paid, 24/-; Per gross, carriage paid, 48/-.

SPECIAL BONUS TERMS.—On orders of 1 gross there is a Bonus of 1 dozen for a Display. On orders of 2 gross there is a Bonus of 3 dozen for a Display.

One of the many Testimonials received :—"Wembley, London. Dear Sirs,—Re 'Mothaks.'—Very gratifying results. 75% of packets sold in three weeks, centre window display which is attractive, clean, and 'Telling in effect.' The 'Impressed Specimen' in the showcard and the colour scheme 'get there.' The price is correct and the nimble sixpence becomes more nimble. Novelty is expressed in the pack and usefulness of the article. Produce more such, and a few crumbs may be added to the scanty fare of the 'Druggists of the Day.' Compliments, "Yours faithfully."

This very attractive cut-out Show Stand in colours FREE



THOMPSON & CAPPER WHOLESALE Ltd.
MANESTY BUILDINGS, COLLEGE LANE, LIVERPOOL

SASSO OLIVE OIL

The Standard of Quality



Johnson

THE PRODUCER

The discerning buyer purchases direct from the producer and ensures obtaining the best possible value.

Messrs. SASSO are the largest producers of OLIVE OIL and offer the very finest quality at the lowest possible price. There is no value to equal it. Write for striking New Season's Prices.



Producers:

P. SASSO & FIGLI

Oneglia, Italy

Sole distributors for the United Kingdom : Fredk. Boehm Ltd.,
17 Jewry St., London, E.C.3



SUMMER SALES

A TEASPOONFUL IS EQUAL TO A PLATE OF FRUIT

POTTER'S VITALIZING
FRUIT SALINE

Clarke's LIVER SALTS
PREPARED FROM NATURAL FOODS AND VEGETABLES CONTAINED IN FRUIT

ALL THE YEAR ROUND
HEALTH SALT.
PURIFYING & INVIGORATING

PRICES		
Potter's Vitalising FRUIT SALINE		
8 oz. bottles (retail 1/9)	13/- dozen	
4 oz. bottles (retail 1/3)	8/6 dozen	
Attractive show matter with all orders.		
All the Year Round HEALTH SALT		
4 oz. tins ...	4/9	dozen
Gross lots ...	4/3	dozen
1/6 Bottles (4 oz.) ...	7/6	dozen
1/6 Bottles (8 oz.) ...	12/-	dozen
Clarke's LIVER SALTS		
4 oz. tins ...	5/-	dozen
3 Dozen lots ...	4/9	dozen
1 Gross lots ...	4/6	dozen
Handsome Showcard with all orders		

POTTER & CLARKE LIMITED
Drug Merchants—Manufacturing Chemists
60, 62, 64 ARTILLERY LANE, LONDON, E.1.
Phone—Bishopsgate 4761-5 lines. Grams—Hounds, phone London, (2 words)
and 24, LUNA STREET, GREAT ANCOATS STREET, MANCHESTER.
Phone—Manchester City—6048. Grams—Hounds, Manchester

*make
more
money
on*



service . . .

Selo Gaslight will give just the results that please your customers and bring repeat business . . . without risk, without failure. For economic working in your D & P Department . . .

*use S E L O
gaslight*

. . . as good as
Selo Roll Film!

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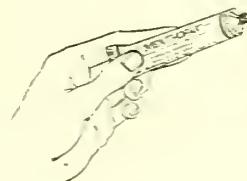
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THE CHEMIST AND DRUGGIST



A WEEKLY JOURNAL OF PHARMACY,
THE DRUG, CHEMICAL & ALLIED TRADES.

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English and Welsh News

Long Service

We are informed by Howards & Sons, Ltd., Ilford, that their head clerk, Mr. Thomas G. Rees, has retired after sixty-four years' unbroken service with the firm. For over fifty years Mr. Rees has been Messrs. Howards' head clerk. By a coincidence they have, within the last week, lost by death another very old servant, Mr. Albert J. Gwinnell, who was actively employed for a period of sixty-one years. Mr. Gwinnell saw four generations of his family in the service of the firm, and both he and Mr. Rees worked with four generations of Howards. The oldest employee now remaining with them is Mr. Charles J. Froud, who has worked with them for fifty-eight years. Their ten oldest employees total 547 years of service, while their oldest twenty employees total exactly 1,000 years.

Inquests

A verdict of "Suicide whilst of unsound mind" was returned at a recent inquest at Wrexham on the body of James Dickens, who died as the result of taking laudanum and cloudy ammonia.

At Burnley, recently, a verdict of accidental death was recorded at the inquest on Mr. John Pounder, formerly warehouseman to Parkinsons, Ltd., wholesale and retail chemists, Curzon Street, Burnley. It was stated in evidence that Mr. Pounder, who had been in the service of Messrs. Parkinsons for fifty-three years, died as the result of a fall.

An inquest was held at Colne, on March 19, on the body of Mary E. Isherwood, Carry Bridge, who died suddenly. The husband gave evidence. The Coroner: Did she take enormous quantities of chlorodyne?—Not enormous quantities, but she had two or three bottles per week. The witness admitted that at one time his wife took as many as six bottles a week. A medical man stated that the addiction had gone for so many years that death had probably been accelerated. The coroner, returning a verdict of "Death from taking drugs," said that although chlorodyne was a dangerous drug it could be purchased at any chemist's shop without any restriction.

Liverpool

The late Mr. Prosper H. Marsden, M.Sc., Ph.C., whose death was announced on p. 370 of last week's issue, was president of the Liverpool Chemists' Association in 1905-07, and occupied the position of pharmacist at the Royal Infirmary.

The "Liverpool Post" of March 17 contains the following:—"The commercial slump has strange repercussions, but I have heard of nothing more curious than its effect on the business of a chemist who tells me that where he sold a pound of bismuth a year or so ago, he now sells 14 lb. His explanation is that the worries and alarms of business nowadays are causing dyspepsia among customers. . . ."

Local chemists were entertained to a dance in the Town Hall, on March 25, by the Lord Mayor (Alderman Edwin Thompson, chemist and druggist) and the Lady Mayoress. The guests, numbering 360, were received by the Lord Mayor and Lady Mayoress, assisted by their son, Mr. Philip Thompson, and their two daughters, Misses Dorothea and Alta Thompson. The company included Mrs. Maclean Thompson, Mr. L. Moreton Parry (president of the Liverpool Chemists' Association) and Mrs. Parry, and Mr. and Mrs. T. Edward Lescher.

Manchester

On March 24 a party representative of the ladies' committee in connection with the Local Executive of the coming Conference journeyed by private bus to Gawsworth Church and village, and thence to Prestbury, where tea was taken. The journey through the lovely Cheshire lanes was thoroughly enjoyed, and augurs well for the visit of the lady visitors to the Conference, who are to be taken there by the ladies' committee.

A whist drive organised by the junior section of the Manchester, Salford and District Branch of the Pharmaceutical Society was held at the Pharmacy Club on March 18, when the attendance was better than for some time. The following were the prize-winners:—

Ladies, (1) Mrs. Duncan; (2) Mrs. Wignall. *Gentlemen*, (1) Mr. Wignall; (2) Mr. Steinman. The prizes were presented by Mrs. Simmons, Mr. L. Davison, Mr. D. Lewis and Mr. Wood. Mrs. Auger presented the prizes, and a hearty vote of thanks was accorded to the donors.

Sheffield

A novel scheme of advertising by flood lighting has been carried out by the traders in the Moor.

Complaints are made that certain vendors are giving trading stamps to purchasers of P.A.T.A. articles.

Sheffield and district Economic League were supported in their recent demonstration at the Victoria Hall by the chemists of the city.

Miscellaneous

HERBALISTS' NEW HEADQUARTERS.—The National Association of Medical Herbalists of Great Britain, Ltd., has opened new headquarters at 46 Bloomsbury Street, London, W.C.1.

WINDOW-DRESSING AWARD.—On the occasion of the shopping week at Porth, Glam., which ended on March 21, Mr. W. Emrys Davies, chemist and druggist, gained a premier award in connection with window dressing.

WINDOW DRESSING AWARDS.—In connection with a window-dressing competition organised in Norwich by the Mentholum Co., the following chemists were successful:—(1) Mr. A. J. Grand; (2) Reads Pharmacy, Ltd.; (3) Mr. J. F. Collin; (4) Fuller & Co., Ltd.; (5) W. H. Hurn.

PoISON-LICENCE APPLICATIONS.—Applications for licences under Section 2 of the Poisons and Pharmacy Act, 1908, have been made by the following to their respective local authorities:—Mr. W. H. Jackson, Cirencester; John Smith & Son, Cirencester; W. Thompson & Sons (Richmond), Ltd., Richmond-on-Thames; E. F. Turner & Son, Horsham Road, Sussex.

PRISON PHARMACISTS' SALARIES.—A slight alteration has been made in the scale of pay for prison pharmacists' salaries. The maximum weekly rate has been raised from 70s. to 75s., but a weekly allowance in lieu of uniform has been merged into pay, the net increase being estimated at 2s. weekly. The pay is subject to the cost of living bonus, which at the present figure is 29s. 5d. on 75s. An application for an increase was made by the pharmacists in December 1929.

JUDGMENT DEBT CASES.—In Bloomsbury County Court, London, on March 20, the Pharmaceutical Society sought to enforce the payment of a judgment debt and costs, amounting to £11 3s. 6d., from J. F. van Hoorn, Brixton Road, S.W., described as a research manufacturing chemist (*C. & D.*, 1930, II, 572). The judge, after hearing the evidence, made no order.—In Shoreditch County Court, on March 24, Brodrribb, Ltd., chemists, Mare Street, Hackney, E., sued Dr. Fernando, St. Paul's Road, Highbury, N., to enforce a judgment debt of £7 19s. 6d. for drugs and chemicals supplied. Judge Cluer made an order for payment at the rate of £2 a month.

VISITS TO WORKS.—A party of students and staff from the Halifax Municipal Technical College recently paid a visit to the works of Goodall, Backhouse & Co., manufacturing chemists, Leeds. The visitors were unanimous in expressing their high appreciation of the successful efforts of Mr. H. G. Bowman and Mr. F. J. Simon, Ph.C., in making the tour interesting and instructive.—The pharmacy students of the Leicester College of Technology, at the kind invitation of Boots Pure Drug Co., Ltd., recently paid an enjoyable and instructive visit to their works at Nottingham. No trouble was spared to make the visit a real education in large-scale pharmacy, and to answer questions. Each of the forty students present felt sincere gratitude to Messrs. Boots for an excellent afternoon and a no less excellent tea.

Scottish News

Brevities

Ex-Baillie Watts, chemist and druggist, has been appointed to the management committee of Crieff Merchants' Association.

A local shopkeepers' exhibition will be held in the Winter Gardens, Rothesay, during April. Chemists have already expressed their intention of occupying stalls.

The turnover in the drug department of the Northern Co-operative Society, Ltd., Aberdeen, for the year ended February 28, 1931, was £36,176 4s. 11d., and the net profit £5,768 14s. 9d.

The Pharmacy Club of Glasgow Royal Technical College held a successful debate with the Andersonian Chemical Society, recently, on the "Merits and Demerits of the Examination System." On being put to the vote the "Merits" were favoured by a large majority.

Irish News

Photographic Dealers' Association

The annual meeting of the Dublin branch of the Photographic Dealers' Association was held in Jury's Hotel, Dublin, on March 24. Mr. John Smith (chairman) presided, and those present included: Dr. J. A. Walsh, Dr. J. A. Mitchell, Messrs. D. M. Watson, H. J. Sumner, B. Keogh, D. G. McGahie, T. C. Scott, J. T. Dwyer, F. J. Fitzpatrick, H. De Burgh Jones, E. Brophy, J. J. Roche, E. J. Evans, L. G. Smith, T. Mason, F. Mason and W. Pike. Mr. R. J. Kidney (acting secretary) was also in attendance. Mr. Ernest Skues, London president of the Association, was present as a guest of the branch. The chairman, in reviewing the past year, said the trade in Ireland was more or less in legitimate channels, and the work of the local committee was thereby considerably lightened. They would like to see every dealer in the Free State a member of the Association. He felt that if they had a freer hand in the matter of spending money they would be able to do a great deal of pioneer and propaganda work in the Free State. He was sorry to say that there were only 195 members in the Free State, about 50 per cent. of what the membership should be. This was excluding Cork city and county, where they had a local branch. He proposed the re-election of the committee, which consisted of Messrs. John Smith, B. Keogh, Thomas Mason, J. J. Roche, M. J. Timoney, F. Robinson, Roe McMahon, S. O'Farrell and H. J. Sumner. Mr. Watson seconded the motion, which was unanimously adopted. Mr. Skues, who was warmly applauded, then addressed the meeting. In the course of his speech he dealt with the activities of the Association in Great Britain. On the motion of Mr. Thomas Mason, seconded by Mr. H. De Burgh Jones (Dublin manager of Kodak, Ltd.), a vote of thanks to Mr. Skues was passed. Mr. Jones stated that his company were marketing a new film, which they hoped to have on sale to the public in May. It would be known as the Verichrome film, and was thought to be one of the greatest advances made in photography since the non-curling film was put on the market. It had great colour sensitiveness. Following the meeting tea and coffee were served, and some interesting ciné films were shown by Mr. De Burgh Jones and his assistants, to whom Mr. Smith expressed the indebtedness of the company. On the motion of Mr. Sumner, seconded by Mr. Keogh, a vote of thanks to Mr. Smith was passed.

Brevities

The Irish Chemists' Golfing Society will hold their second annual three-day golf tournament at Lahinch, co. Clare, on May 4, 5 and 6. Full particulars may be obtained from the secretary.

We have received from Mr. David S. Bennett, M.P.S.I., Cahirciveen, co. Kerry, a copy of "Erin," a ballad of his own composition. This, we are pleased to learn, is a melodious song quite within the means of the average amateur.

In the Northern Ireland Parliament recently, Mr. Crawford asked the Minister of Labour whether he could state if any payments had been made for drugs to those doctors who had supplied them to their panel patients; on what basis payment was being calculated, and how such payments compared per patient with similar payments in England and Scotland. The Minister replied that doctors who do their own dispensing will be paid amounts based on the average cost per insured person of medicines supplied by chemists. A payment had not yet been made.

Belfast

At the annual meeting of the Belfast Wholesale Merchants' and Manufacturers' Association, held on March 27, Mr. H. R. Haslett (J. & J. Haslett, Ltd.) was elected president for the ensuing year. Mr. A. Gamble (Shaw & Jamieson, Ltd.), Sir Thomas McMullan (Thomas McMullan & Co., Ltd.), Mr. Fred Storey (Fred Storey, Ltd.), and Mr. George Wilson (Jordan, Wilson & Alexander) were appointed to the General Committee as representatives of the drug trade.

The chemistry and pharmacy students of the Municipal College of Technology held a successful dance on the occasion of St. Patrick's night. During the evening lady students in fancy costumes mingled with the 500 guests and distributed coloured favours. The dance was organised by a committee of the students and staff, the secretary being Mr. W. J. Heatherington and the treasurer Mr. J. C. Connell. The hostesses were Mrs. Wren, Mrs. Still and Mrs. Muskett, while Mr. N. Hogg acted as M.C. The guests included Principal and Miss Earls, Prof. Wren, Dr. Still, Prof. and Mrs. Lloyd-Dodd, Prof. and Mrs. Burns, Mr. and Mrs. W. J. McCracken, Miss Carver, Miss Adams and Mr. C. W. Young.

Westminster Wisdom

Notes on Parliamentary Matters

PATENT MEDICINES

In reply to a question put by Dr. Hastings on March 30, the Financial Secretary to the Treasury (Mr. Pethick-Lawrence) stated that the cheap edition of the report of the Select Committee on Patent Medicines, 1914, has been out of print for some years, and there is no evidence that there is a substantial demand to justify a reprint. The full edition, containing the proceedings and minutes of evidence, is still available.

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Thursday, April 9

East Anglian Federation of Pharmacists and Group Executive of the Retail Pharmacists' Union. St. Catherine's College, Cambridge, at 3 p.m. Joint meeting with Cambridge and District Branch of the Pharmaceutical Society. Mr. L. F. Newman, M.A., on "The Pharmacist and the Public Analyst." Annual meeting of the Federation. At 7 p.m., dinner in the college dining hall (also with the Cambridge Branch). Tickets, 6s. (student-associates 3s. 6d.), from Mr. W. Heap, 92a, Mill Road, Cambridge.

Friday, April 10

South-West London Chemists' Association and Branch of the Pharmaceutical Society. Stanley's Restaurant, 235, Lavender Hill, London, S.W.11, at 8.30 p.m. Meeting devoted to business matters. Speakers: Messrs. J. Hearle and G. W. Evans.

Pharmaceutical Society of Northern Ireland

Council Meeting

The monthly meeting of the Council was held on March 20, the president (Mr. S. S. Badger) in the chair. There were present also: Messrs. James Dundee (vice-president), Horatio Todd, J. E. Connor, W. J. Hardy, Fred Storey, W. S. Taylor, S. Gibson, W. Martin, R. T. Edwards, H. McRoberts and Professor Small. Mr. D. L. Kirkpatrick (secretary) was in attendance.

DEATHS

The PRESIDENT referred sympathetically to the bereavement sustained by Sir Thomas McMullan, one of their colleagues, on the death of his wife after thirty-seven years' happy married life. Lady McMullan lived a very useful life, interesting herself in everything that pertained to the welfare of the country, and they tendered their sincere sympathy to Sir Thomas.

Mr. TODD, seconding, said that pharmaceutical chemists would miss Lady McMullan, as would all who came in contact with her. She was respected by all who knew her, and it was only now they were learning the full extent of the way in which she had helped charities.

Mr. STOREY joined in the tribute, and Mr. CONNOR, as a country member, desired to be associated with the other speakers.

The resolution was passed by a standing vote.

The secretary announced the deaths of two members, Mr. William Shaw, Grosvenor Road, Belfast, and Mr. Leonard Jennett, who died in South Africa.

Mr. TODD said he was a fellow apprentice of Mr. Jennett's in Belfast. He moved that a letter of sympathy be sent to the relatives in each case.

Mr. STOREY seconded the motion, which was passed.

SEQUEL TO PROSECUTIONS

The Law Committee minutes contained letters from the Ministry of Home Affairs, asking for the Society's observations on two cases in which a pharmaceutical chemist and a registered druggist had been fined for offences under the Dangerous Drugs Acts. It was resolved that the Committee could not condone the offences, and in view of the seriousness of the charge and conviction, they considered that the authorisation to possess and supply "dangerous" drugs should be withdrawn. They desired, however, to make a recommendation to the Minister that the question of reinstatement be considered at a future date.

On the motion of Mr. HARDY, seconded by Mr. GIBSON, the report was adopted.

OTHER BUSINESS

The secretary reported that the summer examinations had been fixed to begin on June 22, entries to be received by May 22. This was approved.

The Education Committee recommended that the certificate of apprentice to pharmaceutical chemists be granted to:—Henry Alex. Keys, Drumahoe, co. Derry; Joseph Alexander McIntyre, Dungannon; Georgiana Mackey, Bangor Road, Newtownards; Lionel Grey Moloney, Cloughley, co. Down. They also recommended that Mr. M. J. Lynch be accepted for the modified examination. Mr. R. M. Milne, who served his apprenticeship in the Free State, was also accepted for the modified examination. The report was adopted.

Mr. CONNOR congratulated the president on his escape from serious injury in a motor accident after the last Council meeting, when his car skidded on a frosty road and overturned.

MOSQUITO CONTROL.—The report of the Director of the British Mosquito Control Institute, Hayling Island, Hants, as presented at the recent (fourth) annual meeting, has been published. The advisory, research and educational work undertaken during the past two and a half years is reviewed.

Legal Reports

Injunction Granted.—In the Chancery Division of the High Court, London, on March 21, before Mr. Justice Maugham, Mr. Cecil Turner, for Lever Brothers, Ltd., Port Sunlight, moved for an injunction to restrain L.B. Products, Ltd., James Street, Camden Town, N.W., from carrying on business or selling their goods in such a manner, whether by the use of their present name or otherwise, as to lead the public to suppose that their goods were those of the plaintiffs or to confuse their respective products. Mr. Turner said he was moving in default of defence to a passing off action in which plaintiffs complained of the adoption of the defendant company's name as being calculated to facilitate the representation of their goods as those of the plaintiffs. There had been notices in "The London Gazette" of a voluntary liquidation by the defendant company, and the liquidator had been served with the notice of motion. He had not appeared in the action. His lordship granted the injunction.

Infringements Alleged.—In the Chancery Division of the High Court, London, on March 31, Mr. Justice Maugham had before him a motion by Beauté, Ltd., Old Bond Street, W.1, against Mr. Phillip Metz, New Bond Street, W.1, to restrain an alleged infringement of their registered trade marks Nos. 491501 and 516500 for perfumery and toilet preparations. Mr. Rudolph Moritz, K.C., for the plaintiffs, said that the mark in question was that of a female head which the plaintiffs applied to a certain class of goods they imported from France. It was stuck on as an adhesive stamp. The defendant purchased goods from the same French manufacturer and imported them into this country with the plaintiff's mark on it, and claimed that he was entitled to use it. The plaintiffs had stopped a consignment of the defendant's goods at the Customs. Mr. Harold Christie, for the defendant, said he claimed that the marks were manufacturers' marks, and that the plaintiffs had no right to them. His lordship said that while the marks remained on the register, they identified the plaintiffs' goods, and the defendant must be restrained. An offer by the plaintiffs to purchase the defendant's consignment at the Customs at invoice price was accepted, and the defendant gave an undertaking not to infringe the plaintiffs' mark until the trial of the action and a cross-motion to rectify the register by the removal of the marks.

Nitrate of Mercury Ointment.—At the Mansion House, Justice Room, London, on March 26, Robins & Co. (Chemists), Ltd., Broadway, Ludgate Hill, E.C.4, were summoned under the Food and Drugs (Adulteration) Act, 1928, for having sold ointment of nitrate of mercury deficient in mercurial content, calculated as metallic mercury, to the extent of at least 66 per cent. There was a plea of "Not guilty." Mr. McDonnell, solicitor, prosecuting for the City Corporation, called evidence of purchase. The inspector produced the analyst's report, and in cross-examination by Mr. H. Glyn-Jones, counsel for the defence, said they asked for the ointment of nitrate of mercury and did not receive it. Mr. D. W. Davies said he was a fully qualified chemist in the employ of the defendant company. He remembered Mrs. Leach, the agent for the inspector, coming in on a previous occasion. So far as he could recollect he said to her, "I am giving you a weaker ointment, as the strong is too irritating to the skin." When she came in on the occasion mentioned and produced a slip of paper on which was written "Eighteen pennyworth of ointment of nitrate of mercury," he served her with the same ointment as he had given her previously. Mr. Glyn-Jones referred the Court to the uses and respective strengths of this ointment as given in the British Pharmaceutical Codex. Chemists, he said, were not automatic machines, and surely it was their duty to warn a customer against any article that was dangerous. It seemed that Mrs. Leach had forgotten what Mr. Davies said, on the first occasion, about a weaker ointment. The alderman said there must be a conviction in this case. He was not satisfied

that Mrs. Leach was told on the former occasion that she was being served with the weaker ointment; a person was entitled to receive what she asked for. There would be a fine of £10, with £2 2s. costs.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

WOODFIELD COOKE, LTD. (P.C.).—Capital £1,500. Objects: To carry on the business of chemists, druggists, etc. The directors are: H. C. Pfort, H. A. Scholes and Elsie Woodfield Cooke. R.O.: 8 Birkenhead Road, Hoylake, Chester.

RUSSELL & CO. (CHEMISTS), LTD. (P.C.).—Capital £1,000. Objects: To carry on business as dispensing and photographic chemists and druggists, etc. The directors are: L. R. Russell and Mrs. K. Carden. R.O.: 1 Station Buildings, Station Road, West Croydon.

WATKINS & LAING, LTD. (P.C.).—Capital £10,000. Objects: To carry on the business of manufacturing chemists formerly carried on by W. Watkins and T. E. Laing. The directors are: W. Watkins and T. E. Laing. R.O.: Finsbury Court, Finsbury Pavement, E.C.2.

MCMURRAY'S MEDICAL HALL, LTD. (P.C.).—Registered in Dublin on March 9. Capital £500. Objects: To carry on the business of wholesale and retail chemists and druggists, etc. The directors are: P. J. McMurray, 81 John Street, Sligo, registered druggist, and Mrs. B. McMurray.

R. A. S. ADAMS, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists, druggists, drysalters, etc. The life directors are: R. A. S. Adams, Ccombe House, York Road, Kettering, dispenser, and Mrs. Winifred Adams. R.O.: 31 Montagu Street, Kettering.

MORDEN PHARMACY, LTD. (P.C.).—Capital £1,200. Objects: To carry on business as chemists, druggists, opticians and photographic dealers, etc. The directors are: W. L. Darby, 102 Falcon Road, S.W.11, chemist, and A. C. E. Bishop, 576 Garratt Lane, S.W.17, wine and spirit merchant.

CARNEGIE BROS., LTD. (P.C.).—Capital £40,000. Objects: To carry on the business of manufacturing, wholesale and retail chemists, manufacturers of surgical dressings, druggists, etc. The permanent directors are: R. B. Carnegie and D. M. Carnegie. R.O.: 227-229 Essex Road, Islington, N.

PERMITIT CO., LTD. (P.C.).—Capital £100. Objects: To take a licence from United Water Softeners, Ltd., to use the trade mark "Permitit," and to manufacture and sell water softening plant and materials, etc. The subscribers are: H. C. Trow and C. A. E. Eley. R.O.: Aldwych House, Strand, W.C.2.

FORBES & PULLEN, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists and druggists, chemists' and druggists' sundriesmen, etc. The permanent directors are: J. H. Forbes, "Crathis," Oxford Road, Gerrards Cross, chemist, and F. E. Pullen, 49 Ferme Park Road, Stroud Green, N.4, chemist.

CARRON, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists and opticians, etc. The directors are: Dr. F. R. Leblanc, 59 Queen Anne Street, W.1, Mrs. Maud E. Leblanc, and D. H. McCraw, 6 Wellington Street, Portobello, Midlothian, chemist and druggist. R.O.: 157 Cambridge Road, E.1.

CHARLES ARNOLD & SONS, LTD. (P.C.).—Capital £1,000. Objects: To acquire the business of retail chemists and opticians carried on by C. Arnold, Stanley Arnold and Sidney Arnold as "Arnold and Sons" at King's Road,

Southsea. The directors are: C. Arnold, C. E. S. Arnold, R. W. Arnold and Stanley Arnold. R.O.: 2 King's Road, Southsea.

J. CLARKSON, LTD. (P.C.)—Capital £200. Objects: To acquire the business of a pharmaceutical and photographic chemist carried on by J. Clarkson at 642 Cleckheaton Road, Low Moor, Bradford, and to adopt an agreement with Frances M. Clarkson, W. Bowler and H. Carter. The directors are: H. Carter Woodleigh, W. Bowler, and H. Sngden, Ph.C.

RIDGMOUNT, LTD. (P.C.)—Capital £19,500. Objects: To acquire the whole of the issued share capital of Parfumerie Delafine, Ltd., and of Auzlene, Ltd., and to adopt agreements with Elizabeth C. M. Delaloye, Constance I. Attwell and H. S. Sugden of the first part, J. Crosland, T. S. Crosland and W. Borthwick of the second part, and the company of the third part. The directors are: Mrs. Elizabeth C. M. Delaloye, Constance I. Attwell, J. Crosland, W. Borthwick, T. S. Crosland and H. S. I. Sugden. R.O.: 6 Ridgmount Street, W.C.1.

HEPPLELS, LTD.—In the Companies Court, on March 30, Mr. Justice Mangham had again before him the petition of Titterton & Howard (1930), Ltd., Great Titchfield Street, for the compulsory winding-up of Heppells, Ltd. Mr. Armitage, for the petitioners, stated that the petition had stood over twice with a view to a scheme of reconstruction. No scheme had been brought forward, and he understood that the receiver for the debt-holders was on the point of selling the whole concern. Mr. Sykes, for the respondent company, said he could not resist the order being made. Negotiations had been proceeding, but he was instructed that the company did not propose to go any further with them. His lordship made the usual compulsory order.

EVANS SONS LESCHER & WEBB, LTD.—The sixth ordinary general meeting was held on March 20 at the Law Association Rooms, Cook Street, Liverpool. Mr. J. Herbert E. Evans (chairman of directors) presided. In moving the adoption of the report (C. & D., March 21, p. 327), the chairman said their home trade had been maintained within reasonable limits of previous years, and that further economies have been effected. In spite of the fact that they had been trading continuously during the year on falling markets and in face of intensive competition, their rate of gross profit is very little lower than in 1929, and is actually higher than the average of previous years. This (said the chairman) is a promising feature, and is due to the development of their factories and to the increase in propaganda work. Any falling off in the gross profit on their home trade was to a large extent counter-balanced by a reduction in expenses, and they had therefore to look elsewhere for their reduced profit. Continuing, the chairman said:—"And it is here that the 'unforeseen circumstance' referred to by me last year has arisen. As you know, this company carries on an extensive export trade. Twelve months ago, when I was addressing you, that trade was, or appeared to be, in a healthy condition; in fact our export sales for the first three months of the year equalled those for the same period of 1929. Then, for a variety of reasons, the bottom fell out of one market after another. With a widely distributed export business one expects difficult conditions to exist in one or two markets each year, and one makes the necessary provision for them, but never before in my experience, except perhaps in 1921, have those conditions prevailed so generally." Mr. Evans then gave an outline of the conditions essential for marketing goods successfully abroad, and mentioned that knowledge of individual markets was one of them. In this connection he asked them to-day to confirm the election to the Board of Mr. E. P. H. Lescher, son of their managing director. Mr. Lescher has just completed four years travelling abroad in the interests of the company. He has visited Australasia, India, China and the Far East, and has therefore obtained a first-hand knowledge of those important markets. Mr. T. Edward Lescher, O.B.E., seconded

the resolution that the report be adopted, and Alderman Fredk. Smith congratulated the directors on the step they had taken in voluntarily reducing their salaries and the staff on accepting a corresponding reduction.

Private Arrangements

W. W. BURTON, Bradshawgate, Leigh, chemist.—At the meeting of the creditors of the above, held recently at Leigh, a statement of affairs was submitted which showed ranking liabilities of £2,902 12s. 9d. The assets comprised book debts, £42 17s. 4d., valued at £30; furniture, fixtures and fittings, £150; stock, £250; cash in hand and at bank, £11 12s. 7d., making a total of £441 12s. 7d., or a deficiency of £2,461 os. 2d. It was stated that the debtor had been in business for a number of years. He met his creditors towards the end of 1927, when a composition of 10s. in the £ was paid. The debtor had since continued trading, but for some time past the takings had declined, and recently had been as low as £15 per week. In the absence of any offer, it was decided that a deed of assignment should be executed in favour of Mr. O. J. Lowe, C.A., Leigh, and the trustee was authorised to confer with Mr. Parkin S. Booth, of the Association of Manufacturing Chemists, Bixteth Street, Liverpool, in regard to the realisation of the estate. It was reported that there was a probability of the business being sold as a going concern at a satisfactory figure, but if the sale did not take place, the business would be continued for a period of, say, one month, and further efforts made to dispose of it. The principal creditors include:—Evans Sons Lescher & Webb, Ltd., £35; Nyal & Co., Ltd. £10; Critchley, C. A., & Co., Ltd., £22.

Meeting of Creditors

THOMAS EDWARD BALL, 149 Lytham Road, Blackpool, drug store proprietor.—A meeting of creditors was held on March 16, at Blackpool, when a statement of affairs was submitted which showed ranking liabilities of £959 19s. 5d., due to unsecured creditors. In addition there were fully secured creditors for £1,570 13s. 9d. After allowing £12 15s. for preferential claims, the net assets were £144 17s. 3d., or a deficiency of £815 2s. 2d. The assets comprised fixtures and fittings, £125; expected to produce, £50; stock, £250, valued at £100, and cash at bank and in hand, £7 12s. 3d. It was reported that the debtor commenced trading at No. 139 Lytham Road, Blackpool, in 1914, with a capital of £300. Subsequently he transferred the business to the above address. The property was purchased in 1920 for £1,505, a mortgage to the extent of £1,400 from a building society being obtained. It was further stated that friends of the debtor were prepared to take over the assets for a sum which would be sufficient to pay the creditors a composition of 4s. in the £. A resolution was passed, agreeing to accept the offer. The following are creditors:—Burgoyne, Burbidges & Co., Ltd., £20; Ensign, Ltd., £14; Hirst, Brooke & Hirst, Ltd., £9; Hay, W., Ltd., Hull, £13; Imperial Dry Plate Co., Ltd., £18; Johnson & Johnson, Ltd., £13; Kerfoot, T., & Co., Ltd., £25; Mergeson & Co., Ltd., £13; Potter & Moore, Ltd., £22; Woolley, James, Sons & Co., Ltd., £47; Wright, Layman & Unnay, Ltd., £11.

Business Changes

BOOTS, LTD., are opening a branch in the Central Station, Glasgow.

ZEALS PHARMACY, LTD., have opened premises at 17 St. James Street, Weston-super-Mare.

THE new address of Stickland & Co., chemists is 47 Alfred Place, South Kensington, London; telephone, Kensington 4185.

T. & H. SMITH, LTD., manufacturing chemists Edinburgh, have been appointed Scottish distributors for the products of Sandz Chemical Works.

North London Association Dinner

THE annual dinner and dance of the North London Pharmaceutical Association and North Metropolitan Branch of the Pharmaceutical Society was held at the Restaurant Frascati, Oxford Street, W.1, on March 26, the president (Mr. J. C. Young) in the chair. With the president at the top



THE PRESIDENT AND MRS. YOUNG

table were Mrs. Young, Mr. A. R. Melhuish (president of the Pharmaceutical Society), Mr. J. H. Franklin (chairman of the British Pharmaceutical Conference), Mr. C. A. G. Manning, J.P. (deputy chairman of the London County Council), Mr. H. S. Aplin, Mr. and Mrs. W. J. Beardsley, Mr. and Mrs. William Chalmers, Mr. W. B. Falding, Mr. John Keall and Miss Keall,

Mr. and Mrs. P. Maw, Mr. J. Milner, Mr. and Mrs. C. A. Noble, Mr. E. L. Slade, Mr. and Mrs. W. E. D. Shirtliff. The spur tables were in charge of Messrs. Anderson, Downing, Hearle, Jenkin, Skinner, Swanson and Walters; and among others in the company (which numbered over 200) were Mr. Frank Browne, Mr. and Mrs. G. W. Evans, Mr. and Mrs. F. Giles, Miss Dennis Hayes, Mr. John Humphrey, Mr. and Mrs. Thomas Marns, Mr. H. G. Mumford, Mr. Philip Royle, Mr. G. A. Tocher, Mr. and Mrs. W. P. Want, Mr. and Mrs. F. G. Wells and Mr.

Hugo Wolff. The president of the Pharmaceutical Society, who for well-understood reasons arrived after dinner had begun, received a cordial round of applause. The speeches, four in all, were happily inspired. In proposing the toast of "The Pharmaceutical Society of Great Britain," Mr. Hearle made a topical reference to the Pharmacy and Poisons Bill, and urged that pharmacists must trust their Council and show a united front. The president added

Mr. Hearle, had a record of service in practically every imaginable sphere in pharmacy. Mr. Melhuish, responding, remarked that he had arrived at the function straight from the House of Lords. The work of the Council on the Bill had been immense, and strenuous efforts in the way of negotiation had been made; he himself had corresponded with and interviewed many of the lords. Mr. Melhuish paid a tribute to the help and guidance of the Council and of the responsible organisations in pharmacy during this period, and trusted that they would continue their support. The programme, at this point, was diversified by the presentation of prizes as follows:—

Script Sports Club

Illingworth Cup, 1930:

Mrs. W. E. Swanston

Replica to 1929 winner:

Mrs. E. Collings

Spoons for Monthly Competition:

Mrs. E. Deas (3),

Mrs. W. E. Swanston (2),

H. Mountford (1), E. C.

Pryce (1)



THE P.A.T.A. PRESIDENT

London Chemists' Sports Club

Golf Spoons: Mrs. E.

Collings, Mrs. M. Walters,

H. Mountford, E. C. Pryce,

H. R. Nightingale, W. M.

Schoenengerber

Putting Spoons: Mrs. E. Deas, Mrs. L. Parker

Quoits Spoon: Mr. W. E. Swanston

The remaining toast, that of "The North London Pharmaceutical Association and North Metropolitan Branch of the Society," was submitted by Mr. Franklin, with the preface that it was difficult to say anything fresh concerning the activities of this important Association. On one feature, however, he would comment—the remarkable record of Mr. Herbert Skinner, secretary of the Association since its formation and its "father."

When he (Mr. Franklin) came to London and attended meetings at the offices of the General Medical Council in connection with the forthcoming Pharmacopoeia he found Mr. Skinner there, giving the benefit of his wide experience; the same remark applied to meetings of the Codex Revision Committee; Mr. Skinner never missed the meetings of the British Pharmaceutical Conference Executive, and was present at the meetings of the Conference every year. Mr. Franklin trusted that the Association was prepared to support the Council and the Retail Pharmacists' Union in the important work going on, by sympathy, help and encouragement.

He had known their president (Mr. Young) longer perhaps than anyone else present; Mr. Young had been trained in a very exacting school, and he congratulated North London on having him as president. Mr. Young, in reply, thanked the gathering for their enthusiastic reception of the toast (which



THE CONFERENCE CHAIRMAN



THE YOUNGEST COUNCILLOR

had been given with musical honours), and welcomed the members of the Society's Council who were present. He also welcomed Mr. Shirtliff (chairman of the London Pharmaceutical Committee), the presidents of the West Ham and Thames Valley Associations, the deputy-chairman of the London County Council, Mr. and Mrs. Maw, Mr. Wolff, and Mr. and Mrs. Crawshaw (founders of the Illingworth trophy). Pharmacists were anxious that their modest demands should be accepted by Parliament; if not, they were determined to oppose the Bill. Mr. Young made up for the unexpected lack of funny stories (without which, as everyone knows, no association dinner is complete) by incorporating in his speech three or four of his own, which rounded off the first part of the proceedings and put everyone in the requisitely jovial frame of mind for the dance which followed.



MR. G. A. TOCHER

Festivities

North-East Lancashire Function

THE annual whist drive and dance of the North-East Lancashire Branch of the Pharmaceutical Society was held on March 26. The company numbered 260; the M.C. for whist was Mr. Fred Law (secretary), and for dancing Messrs. H. Totty, F. Walmsley, E. Aspden and Mr. J. Gillett.

South-West London Function

THE South-West London Chemists' Association and Branch of the Pharmaceutical Society concluded the season's social programme by holding a successful whist drive and dance on March 25. The usual large company was present, and those partial to whist spent a pleasant time under the direction of Mr. J. E. Monaghan. The winners were:—*Ladies*: Miss Beaton, Mrs. Finch, Miss Cameron and Mrs. Stanley White. *Gentlemen*: Mr. Stanley White and Mr. Browning. Most of the guests, however, devoted their time to dancing; Mr. J. E. Jones (social secretary) acted as M.C. Spot prizes were won by Mr. and Mrs. Hewitt, Miss Stevens and Mr. K. Aimer.

South-Eastern Dinner

THE South-East London Chemists' Association held their annual dinner at the Restaurant Frascati, Oxford Street, London, W.1, on March 19, Mr. J. E. Lockyer (president) in the chair. The company included Mrs. Stanley Lockyer, Mr. A. R. Melhuish (president of the Pharmaceutical Society), Mr. J. Milner (president of the P.A.T.A.) and Mrs. Milner, Mr. and Mrs. Henry Lesser, Mr. and Mrs. G. A. Tocher, Mr. and Mrs. T. Morley Taylor, Mr. and Mrs. W. J. Beardsley and Mr. F. A. Lawman. The spur tables were in charge of Captain J. J. G. Hay and Messrs. C. H. Foster, W. C. Spooner, F. Biffin, S. Lockyer, W. J. Turner and E. Oswald Wells. The toast of "The Pharmaceutical Society" was proposed, in the absence of Mr. W. T. Tucker, by Mr. Milner, and was responded to by Mr. Melhuish. Mr. G. A. Tocher proposed the toast of "The South-Eastern Association," to which Mr. Lockyer replied. "The Visitors" was proposed by Captain Hay and Mr. H. Lesser replied. Dancing commenced at 9.30 p.m. A spot waltz was held during the evening, at which a bottle of perfume was presented to Miss Milner on behalf of the donors, Parfumeries de Paris, Ltd.

Association Meetings

British Pharmaceutical Association.—At a meeting of the British Pharmaceutical Association, held on March 23, the chairman (Mr. J. J. Laws) said the Association had been born too late to have had time to bring the full force of its opposition to bear before the second reading of the Pharmacy and Poisons Bill in the House of Lords. It had been brought to his notice, he said, that Mr. F. E. S. Clarke (Newport) and Mr. Lean (Burton-on-Trent) had formed a committee to oppose the Bill. He welcomed this added opposition, as he would welcome the opposition of every chemist or organisation.—At a meeting held on March 30, the secretary (Mr. J. F. McNeal) stated that the past week had been an important one for the Association. He submitted correspondence from members asking if it would be in order for them to join other organisations in opposing the Bill, and he had replied to the effect that they could join as many organisations as they liked for this purpose. The chairman (Mr. J. J. Laws) said that the time had come to tell the members what had been done by the Executive. Since the inception of the Association not only every member of the House of Lords, but also every member of the House of Commons had put before them reasons for opposing the Bill, and many pledges of opposition from members of all the political parties were in the Association's hands.

Edinburgh.—The annual business meeting of the Edinburgh Chemists', Assistants' and Apprentices' Association was held on March 27, Mr. J. J. Blackie (president) in the chair. Mr. James Ferguson contributed an interesting communication on *The Materia Medica of Pilula Rhei Composita*, beginning with the original formula of Mindererus (1622). Mr. Thomas W. Strachan (secretary) submitted the annual report, which indicated that the Association was in a flourishing condition. During the winter session seven meetings had been held, at which communications dealing with botany, materia medica, pharmacy and physics had been contributed. These were of high educational value. The attendance during the session had been up to standard. The prize scheme had been carried out, but the report made a strong appeal to members and others to try to interest those who were eligible. The report closed with an acknowledgment of the kindness of the Pharmaceutical Society in granting facilities for meetings. Mr. William Herd (treasurer) submitted the financial statement showing a satisfactory balance. The report and financial statement were adopted. It was agreed to vote a sum of £1 1s. to the Society's Benevolent Fund. The following officers were elected for the ensuing year:—President, Mr. J. J. Blackie; Vice-President, Mr. Gordon Perrins; Secretary, Mr. David R. Kay; Assistant Secretary, Mr. William Herd; Treasurer, Mr. W. A. Beattie; Committee, Misses Ford, Johnstone and Simpson, and Messrs. Ferguson, Hedderwick, Jackson, Learmonth and Strachan; Prize Committee, Messrs. A. Currie, E. Knott and Gordon Perrins. Mr. J. Rutherford Hill moved a vote of thanks to the retiring officers, which was passed with acclamation.

Public Pharmacists.—A meeting of the Liverpool Branch of the Guild of Public Pharmacists was held on March 16, when Mr. F. G. Hobart (secretary of the Guild) gave a lecture on *Hospital Pharmacy: Yesterday, To-day and To-morrow*. The chairman (Mr. Alec Rae) introduced the speaker. Mr. Hobart, referring to the status of the public pharmacist at the present time, said those largely responsible for the unsatisfactory conditions now prevailing were the pharmacists themselves. The Guild had done, and was doing, a great deal of good work. Local secretaries were at work with a view to forming branches in five or six other centres. Mr. Hobart dealt with recent activities of the Guild. Several of the local authorities in the London district and elsewhere, he said, had agreed to act on the Guild's recommendation that chief and first-assistant dispensers should be registered pharmacists, and at least one authority had considered the scale of salaries submitted by the Guild.

Queer Aspects of My Job

By a Continental Chemist

I AM an English chemist stationed at a famous Continental health resort, and though nominally my business is to dispense English prescriptions and sell British pharmaceutical specialities, I am often expected to fill quite a number of other functions at the same time, such as post office official, consul, medical adviser, weather prophet, climatic expert, tourist and general inquiry agent—all unpaid. Many of the people who ask my advice never buy anything, and the problems they sometimes propound are of the most extraordinary nature. For instance, a man with high blood pressure who had been told by his doctor that the seaside was unsuitable for his complaint and he must go inland, but not above 1,000 feet, asked me if I thought he ought to go to Paris or Mont Dore; what is the altitude of the latter place? If it is very hot here in summer and if I thought it would be too hot for his aunt? Why was his blood pressure 118 at Nice but only 112 at Biarritz? Many people expect me to have an exact knowledge of the customs duties on all articles on both sides of the Channel; to be able to put my hand on a specialist for any part of the human anatomy at a moment's notice and to be able to inform them as to the professional competency of all the local practitioners and their fees. To know the charges of all the hotels and the quality of the cooking and service.

Amongst the various extraordinary questions put me I cite the following:—Why are there never any

oranges on the table at the Hotel X? Is 100 francs a bottle the right price for whisky? If good castor oil can be purchased at Port Said? How much eau de Cologne can be taken into England duty free? Shall I have any difficulty in getting back to England without a *carte d'identité*? How could they tell if a certain medical specialist was really a specialist and not merely a retailer of hot air? Could I recommend them a good brand of wine suitable to their complaint? One lady was very anxious to know if *Savon des Singes* was the correct French for monkey soap. A good many travellers confuse the English word petrol with the French *pétrole*. The French for the former is, of course, *essence*, whilst the English equivalent for the latter is kerosene. People often ask me the French equivalent for articles which they want to buy elsewhere, and which they have been unable to find in their phrase-books, such as pipe-cleaners, whale oil, washing soda, pipeclay, spirit of salt, Friar's balsam, baking powder, toast rack, bird seed, ants' eggs. One man wanted to know why the eucalyptus oil he bought at a French chemist smelt different from that he purchased in Hammersmith; a lady wanted to know the botanical name for "that plant with pink flowers which grows in the public gardens here," as she wanted to plant some in her garden in England. Did I think they had them at Kew? To all I reply with my customary urbanity and try not to get ruffled.

The Drugs in Conclave

A Fantasy of a London Warehouse

IT was the end of our financial year, so we had been stocktaking; practically all drugs had to be priced well below cost—a dismal proceeding. I arrived home depressed and weary, and after dinner I fell asleep in my chair.

I was in a vaulted room underneath one of the London warehouses, and ranged all round the room were bales of every conceivable sort of drug, not stacked one on the other, but arranged as if in conclave, and as I watched each took on a separate personality.

The meeting was being addressed by someone evidently from a cold climate—she was all bespangled with snow and frost—white moccasins on her feet and her rosy face encased in white fur. Of course I knew her; she was *Polygala Virginica*, Queen of the N.W. territory. She was telling the assembly how she had been grubbed up by the trappers and brought down to Winnipeg; how Americans from New York had schemed and bartered for her very soul; that this year but few of her tribe had come South; and therefore, when she was shipped to London, she had expected soon to be able to fulfil her life's purpose. But no—this was already April when, according to the history of her race, she should have left her musty bale, have been incorporated in demulcent fluid, and trickling into the interiors of that curious animal man, helping to make less harsh that bark of his, called a cough. What was happening, why this stagnation? Was the world free from coughs?

Then uprose a heavy, stockily-built man, with leggings, a thick, unkempt beard and moustache, and yet with the appearance of having known better times. "I, too, do not understand what is happening outside. Ten years ago I was clamoured for by all the world, and much gold had to be paid for me; yet, to-day, I

lie here untouched and unwanted." I knew him for Sumbul, the once much-desired root from Russia.

The next to speak was a mighty hunter, friend of many an African tribe, who had come to Europe to heal men's hearts. He said he could not complain, although his present existence was not so exciting as poisoning arrows, yet he was always on the move. It was Kombé Strophanthus, Lord of the Shire River.

The loud shrill voice of Secale Cornutum next held the assembly. He complained that the Americans had eaten all the hens, on which he should have been tested, but that as soon as fresh ones had been hatched out he expected that, at least as far as his Spanish and Portuguese brethren were concerned, "Guaranteed to pass American Board of Agriculture" would be on their next label.

Hydrastis Canadensis took up the tale of woe, asking why, because she was no longer wild, men should desire her less. She had understood that domesticity was greatly prized by humans.

Queen's Delight, who had been carrying on a flirtation in the corner with Grains of Paradise, nodded her approval.

Then up jumped a lovely, graceful creature—black, glossy hair, black, shining eyes and dark olive complexion. "You can always capture humans through their insides. Look at me. My people this year were more numerous than ever before, but the farmers held us tight, and the Americans vowed they would have us, and paid the farmers' price, more than twice what we were worth. Oh, there is fun to be had yet with the humans," said Mlle. Psyllium, from Avignon.

There was so much applause from Kobayashi and Suzuki, two daughters of Menthol, and from their younger sisters that I awoke and rubbed my eyes.—H. A. B. (25/3).

In the House of Lords

By an Eye-Witness

THE House of Lords must be known to most pharmacists, not because they expect to end their days within this *sanctum sanctorum*, but because they are supporters of the British Constitution and can say it in all weathers. It is a very nice apartment, with nice red leathered seats having a certain amount of hypnotic value; but it is really a nasty place for "plebs," and a democratic Government might have done something on March 26 to save me from suffering the torture of varicose veins. My Lord Chairman had a wonderful capacity for mumbling to his papers. It might have been Bill "A" for all I knew; it certainly was not Bill "B" or Bill "C," because they have been translated to other spheres, where the wicked cease from troubling and the weary are at rest. A £300 conference of delegates had laboured in vain to put some kinetic energy into Bill "B"; it died from excessive stuffing and has been duly cremated, while poor Bill "C" was still-born and followed into the same everlasting nothingness. Amendments galore came for Bill "A," the child of the Departmental Committee, and the slaughter of the innocents during three hours' cramped debate was enough to make angels weep.

All the same, it was my noble Lord Chairman who fascinated me: it ran something like this, "Cla—a—amend—agr—t—contents—cla—two—my lord A.B.C.;" the hyphenated speeches and interpretations continued the whole weary round. My noble Lord Chairman would sometimes call upon my noble Lord A.B.C. so sudden-like that an amendment was moved and no one appeared to know which: it did not matter, really, because my noble Lord the Government soon put an amendment to sleep if his official notes had a red cross marked against it.

Two Months' Respite

My noble Lord the Government agreed to allow us two months to find the money to pay our tax to the Pharmaceutical Society; he pleased me greatly when he solemnly moved to leave out "the first" and insert "an." It was thrilling, and the future of pharmacy began to blossom as the rose—out of due time. Another thing was grateful and comforting: he courteously consented to remove us from the Register instead of striking us off. That was kindness indeed; I shall now have no fear of bruises—I am gentle by nature and would prefer to walk out quietly. My noble Lord the Government was a bit mixed over dispensing of medicines, and I am afraid my noble lords opposite had the ingredients of their speeches improperly compounded; the whole thing was a typical incompatibility—an incongruous mess; and soon the bottom of the bottle fell out and spilt the contents. (That means a new mixture, but not as before.) My noble Lord the Government had fortified himself with strength begotten of general practitioners to prove the noble Medical Lord knew nothing about dispensing. I trust I shall be spared to see that battle royal with noble lords on the third reading: it should be a sight for the gods. Another crumb of comfort was conceded to us poor folk: our masters are to be allowed to prescribe different fees in relation to our different circumstances. That also is very nice, and I am hoping to save 30s. per annum on this alone. The "business of selling drugs" was too much like a mouse trap; and my Lord the Government declined to walk therein, as he doubtless smelt the cheese. The noble opposition wanted to fine us £5 for every day we were contumacious, and my heart fluttered a little at the thought of my weakness being so viciously punished; but my noble Lord the Government was on the side of the angels, and the amendment went west. Our titles were accentuated with "member of the Pharmaceutical Society," which seems a possible chance of squeezing "lifers" for a bit more money towards the cost of the

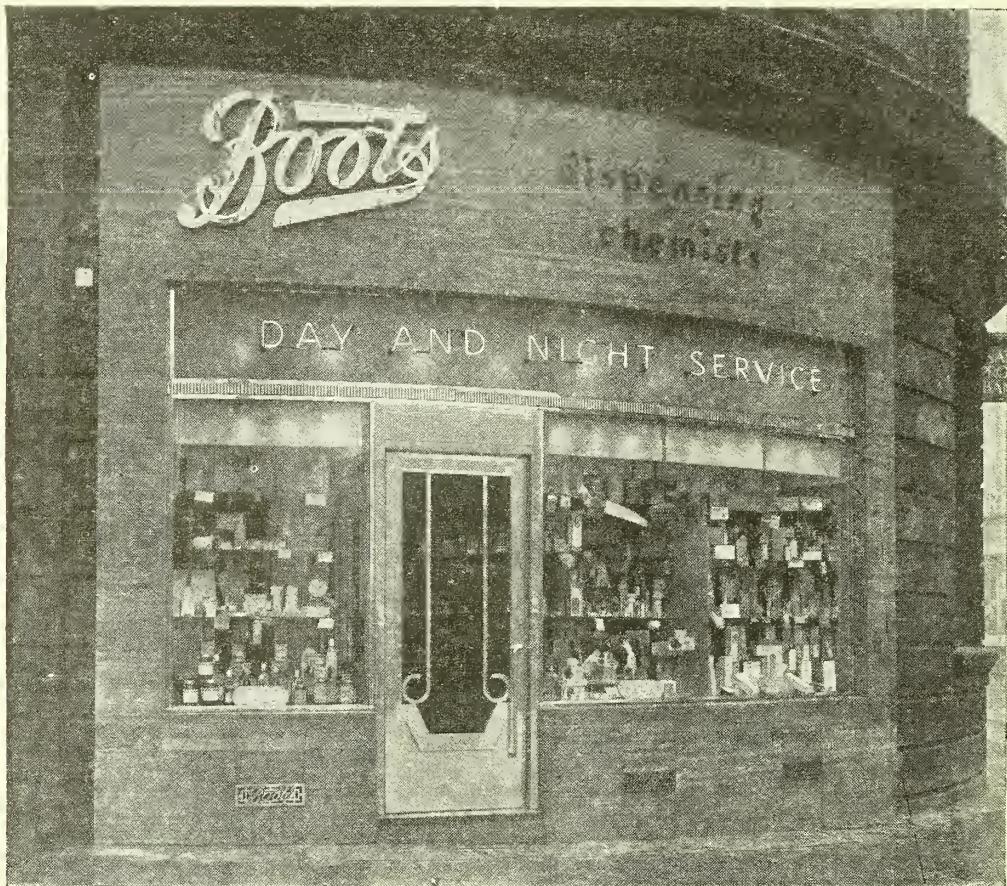
new palace *in nubibus brunswickiensibus*. The term "pharmacy" appeared to evoke a strain of enthusiasm in the laboured heart of my noble Lord the Government, and it became a small button on the old clothes of Bill "A."

The next fierce struggle was over the "Whitehall strangle-hold." That was really nice; my only sorrow was I could not be a wee thing on the shoulders of the opposition lords to give them a few barbed arrows to get into epidermal tissue. It was not to be; I had to vanish from that very nice apartment while they "vied," and sorrow greeted me on my return: one more stripling had given up the ghost. But "poisons" was a dream. It was surprising how many noble lords knew the potency of thyroid extract and slimming. I suppose they do read the papers; and I was left wondering whether it is bran or thyroid which creates the beloved sinuous figures, or whether they depend on half a lettuce leaf and the shoulder bone of a herring for daily diet. In that wonder the noble Lord the Government came nearest to me in his thought. He was caught at the cross-roads, and gave us another crust from his basket of supplies. They will, most likely, be broken later on, when he is overwhelmed by visions of "substances dangerous to life"—which may include gas ovens and geysers.

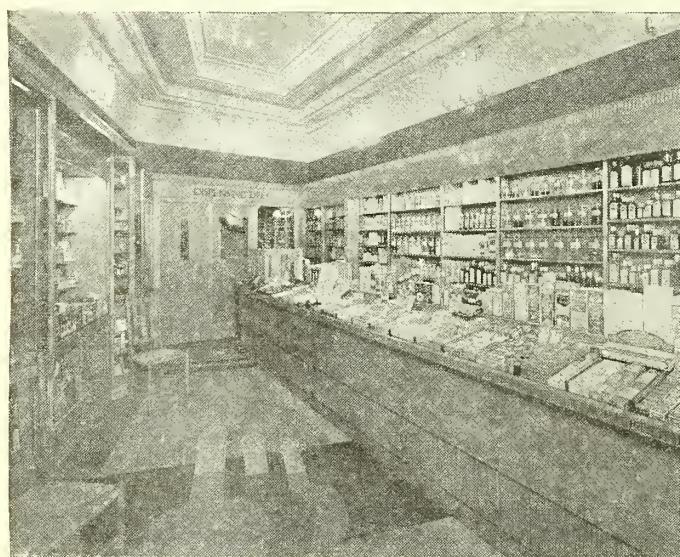
Incompatible Ingredients

An extra fish was struggled for before we came to another tussle: one wanted "entitled," another wanted "permitted," and (as was natural in such a place) something with "title" won. The next forty-seven and a half minutes were given over to incompatible ingredients made out of words without any emulsifying agent on limiting poisons within undefined lists: it was the last redoubt of the Pharmaceutical Society. All the little wooden palings and barbed wire had gone, faces were flushed with excitement, and hearts were apparently dithering with quickened circulation. My noble Lord the Government was unmoved; the clause had a fatal red cross against it, and while I was cleared out again the death-dealing blow was given. Love's labour's lost: our fundamentals had given up their last breath. All that truly mattered had gone in those two amendments, for which we were assured we should stand; it was our last ditch. The doctors got their bite of the cherry; the Institute of Chemistry got their bite of the cherry; the unqualified got their bite of the cherry; so there is no wonder we get the stone. But a subtlety awoke me once more to life—an amendment no one understood: we are to be allowed to serve any poison in Part II of the Poisons List, providing we are authorised sellers of poison; the sale shall be on registered premises and under the supervision of a registered pharmacist. It was too subtle even for an ex-Lord Chancellor, so I gave it up for the time being and rested myself on the other leg. A noble lord opposite, greatly daring, ventured on defining the word "poison," and it proved one more little orphan of the storm; we may hope to meet it again. Another crumb of comfort came in seeking to make clear what dispensing means; but it all seemed a footless stocking without a leg, and the wordy contest died down into something like exhaustion, producing a new schedule defining what the statutory Court can do and how it shall do it. The charm of this Court will be that without a chairman it cannot sit, and if the Privy Council forgets to appoint one it never will sit. Then came the end, when my noble lords were spent with toil. My noble Lord Chairman reported to my noble Lord Chancellor in full wig and gown what "we" had done, and my noble Lord the Government smiled on with inscrutable content—until we meet again.

Day and Night Service in Liverpool



THE STEEL SHOP FRONT AND ENTRANCE DOOR FACED WITH MARBLE



MODERN INTERIOR DESIGN

DURING 1927 Boots, Ltd. acquired the pharmacy of Mr. Henry Peet, chemist and druggist, 9 Ranelagh Place, Liverpool. For some three and a half years the business was carried on, and a day and night service instituted. It was thought, however, that in this important position more up-to-date premises should be provided and the whole shop enlarged and refitted. The front, as illustrated above, is faced with Travertine marble with a Staybrite steel shop front and entrance door. The internal fittings have been carried out in Tasmanian oak and Zebrano veneer, and a modern system of lighting has been installed. The floor is covered with Ruboleum carried out in a modern design, with carboys as a motif. The facia is illuminated with neon electric signs. The work was carried out to the designs of the staff architect, Mr. Percy J. Bartlett, A.R.I.B.A.

Trade Notes and Novelties

NEOBOVININE 20, a compound of liver extract and beef haemoglobin, is advertised in this issue by Petrolagar Laboratories, Ltd., Braydon Road, London, N.16.

PROPRIETARY MEDICINES, LTD., 22 High Road, Streatham, London, S.W.16, have taken over the business in Vikwik, formerly belonging to Healey, Royle & Co., Ltd.

NEW SOLPORT LINES.—Smart appearance and utility are the features of the two attractive travelling companions shown in the accompanying illustration. They have been produced by Solport Brothers, Ltd., 184-192 Goswell Road, London, E.C.1, specially for the spring and summer trade. The Balmoral companion (smaller) contains soap in a neat oiled silk pocket, a washing square and towel; the Mayflower is covered with floral art silk, and contains, in addition, a good quality nail brush. Both sets are fitted with Zipp fasteners.



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MAY & BAKER, LTD., manufacturing chemists, Battersea, London, S.W.11, have issued a new edition of their price list of chemicals and pharmaceutical preparations. In addition, the catalogue contains much information of general interest, e.g., specific gravities, atomic weights, thermometric equivalents, English prices and equivalents per kilo, summary of the Dangerous Drugs Regulations and a list of synonyms and trade names. A copy of the list may be obtained on application.

LACTOGEN is a modified dried milk for infant feeding prepared by Nestlé & Anglo-Swiss Condensed Milk Co., 6-8 Eastcheap, London, E.C.3. The product, we are informed, was first introduced in Australia, and has for many years enjoyed a large sale in many overseas countries. A range of attractive showcards is available, and one of these is shown in the accompanying illustration. The colours are blue and green on a cream ground. Chemists are invited to write for full particulars and trade terms.



AMBROL.—Thomas Christy & Co., 4 Old Swan Lane, London, E.C., state that their hair fixative cream does not powder the hair. On certain orders a bonus is given and the chemist's name and address is printed on the label. Samples of Ambrol, which is available with and without oil, will be sent on application.—Messrs. Christy inform us that they will be closed from Thursday evening, April 2, until Tuesday morning, April 7; they will also close at 4 p.m., Tuesday, April 7.

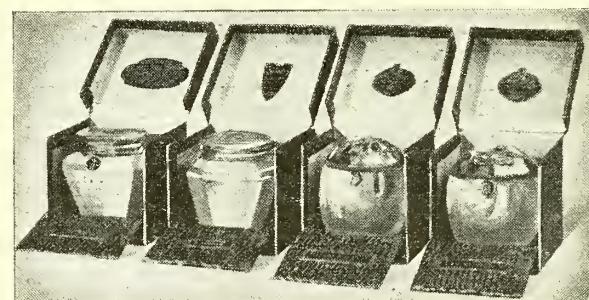
HIND'S HONEY AND ALMOND CREAM.—Lysol, Ltd., Raynes Park, London, S.W.20, are making until

April 15, a bonus offer in connection with Hind's Honey and Almond Cream. Chemists are reminded that any of the old style bottles in their stock should be returned without delay, as there is a limit to the time allowed for this purpose.

FRANCIS NEWBERRY & SONS, LTD., 31 Banner Street, London, E.C.1, have acquired from Healey, Royle & Co., Ltd., the proprietary medicine business relating to Antipon and Urace. Messrs. Newberry have now issued the 1931 edition of their catalogue of druggists' sundries, proprietary articles, pharmaceutical preparations and chemicals. A copy of the list will be sent post free on receipt of a postcard request for it.

HORTICULTURAL BUSINESS.—Many householders regard Easter as the time for the commencement of their season's gardening activities, consequently chemists should make a special effort to supply this section of the community with such requirements as lawn sand, week-killer and fertilisers. Tomlinson & Hayward, Ltd., 51 Newland, Lincoln, have for many years specialised in preparations of this nature and will send particulars relating to them on application.

DUBARRY SHALIMAR PRODUCTS.—Our illustration here-with shows four Shalimar creations by Dubarry et Cie, Goldstone Laboratories, Hove. Two of these, lemon cleansing cream and orange night cream, are new lines, while Shalimar powder cream and Crème Shalimar are



existing lines in new packs. This new style of presentation, particularly in the orange and lemon creams, lends itself to simple but artistic display. We have also received a sample of the new square "palatmoid" compact powder, attractively packed for sale in a neat cardboard box.

PHOTOGRAPHIC BUSINESS.—For some years it has been our custom to devote one issue of the *C. & D.* to a review of the latest developments in the photographic trade. Special numbers of this nature are always carefully studied by the interests concerned, and our correspondence indicates that the forthcoming one, which will be published on April 25, will show that several important developments are taking place in regard to materials and the trade generally. Business during the 1931 photographic season will, we think, be in marked contrast to that prevailing during the past few months. The publisher informs us that for this photographic issue he is arranging a special inset printed in royal blue ink on Cambridge blue paper. A specimen page and particulars of the space available will be sent on application. An opportunity such as is thus afforded manufacturers and dealers to attract attention to their goods is an event which should on no account be overlooked.

BRITISH IMPORTS OF CITRUS-FRUIT JUICES.—In 1929 the United Kingdom imported 498,189 gallons of lime juice, 490,332 of lemon juice, and 100,000 of orange and grapefruit juice (estimated)—a total of 1,088,521 gallons.

Births

Notices for insertion in this column must be properly authenticated.

McCRAE.—At Millcraig, Henrietta Street, Girvan, on March 17, the wife of Alastair McCrae, chemist and druggist, of a daughter.

STEVENSON.—At the Medical Hall, Ballywalter, co. Down, on March 14, the wife of S. J. Stevenson, Ph.C., of a daughter.

Marriages

FLUELLEN—BOWCOCK.—At Wcm Congregational Church, on March 14, Alfred P. Fluellen to Agnes Selena Bowcock, chemist and druggist.

JENNINGS—COLLINS.—At Bradley Street Primitive Methodist Church, Castleford, on March 7, Laurence Wheater Jennings, chemist and druggist, to Beatrice Ena Collins.

JONES—DAVIES.—At Bangor, on March 11, John Robert Jones, chemist and druggist, Nottingham, to Violet Davies.

Deaths

ANDREWS.—At Winchester, on February 26, Mr. Walter Andrews, chemist and druggist, aged sixty-six.

BUFTON.—On March 19, Mr. Oswald Alfred Bufton, chemist and druggist, 9 Clinton Place, Seaford, aged thirty-four. Mr. Bufton had been in business at Seaford for ten years.

CAMERON.—At Accrington, on March 21, Mr. William Randolph Cameron, chemist and druggist (J. M. Fairbairn, Ltd., manufacturing chemists, St. Peter's Street, Blackburn), aged fifty-two. Mr. Cameron leaves a widow. At the funeral, which took place on March 25, floral tributes were received from Mr. A. J. Espley, chemist and druggist, and Mr. S. H. Sidebottom, chemist and druggist, and the directors and staff of Messrs. Fairbairn.

CARDEN.—At 14 Ranulf Road, London, N.W.2, on March 29, suddenly, Mr. William Arthur Carden, late of Sutton, Carden & Co., Ltd., distillers, aged seventy-two.

COSSEY.—At 38 Duke Street, Norwich, on March 19, after a short illness, Mr. Sydney James Cossey, chemist and druggist, son of Mr. John Cossey, chemist and druggist, 23 St. John's Maddernmarket, aged thirty-seven.

FENTON.—At 236 Oldham Road, Manchester, on March 21, Mr. John Mailler Fenton, chemist and druggist, aged seventy-one.

GIBSON.—At Darley Dale, on March 21, Mr. John Chambers Gibson, chemist and druggist, aged seventy-seven. Mr. Gibson, who was a son of a Chapeltown chemist, was in business in Nottingham Street, Sheffield, for forty-eight years.

GRIMSHAW.—At 130 Highlever Road, North Kensington, London, W.10, on March 9, Mr. Thomas Grimshaw, chemist and druggist, aged seventy-six.

LAW.—At Stobhill Hospital, Glasgow, on March 17, Mr. Thomas William Thorburn Law, chemist and druggist, late of Partick, aged seventy-three.

LUCAS.—On March 26, Mr. Arthur Lucas, chemist and druggist, 54 New Chapel Street, Mill Hill, Blackburn, aged fifty-six. Mr. Lucas had been a member of the Blackburn and District Chemists' Association for more than twenty years, and had held office as president. He

leaves a widow and two sons, one of whom, Mr. R. H. Lucas, chemist and druggist, was associated with his father in business.

SLATER.—At Middlesbrough, on March 10, Mr. James Morrieson Slater, chemist and druggist, 26 High Street, Loftus, aged seventy.

STEWART.—Recently, Mr. Joseph Stewart, L.P.S.I., late of Limerick. Mr. Stewart passed the Licence examination in 1880.

WALMSLEY.—At Preston Infirmary, following a motor-ing accident, Miss Gertrude Irene Walmsley, chemist and druggist, New Bank Road, Blackburn. Miss Walmsley was the daughter of Mr. J. Walmsley, chemist and druggist, Darwen, and was educated at Manchester University. She qualified in 1927. The driver in the accident in which Miss Walmsley met her death, Mr. Noel Hardman, was also killed.

Personalities

LORD DAWSON OF PENN was elected president of the Royal College of Physicians on March 30.

MR. H. W. SHAW, chemist and druggist, Doncaster, was one of the prize-winners in the recent Irish sweep-stake.

MR. R. R. ROBERTS, retired chemist and druggist, of Lea-by-Backford, has been elected a member of Chester Rural Council.

MR. W. H. GRIMSHAW, J.P., chemist and druggist, Blackburn, celebrated his sixty-fifth birthday on March 21.

MR. A. BREWIS LEVIE, son of Mr. Thomas Levie, chemist and druggist, Hartlepool, has passed the final examination of Leeds University for the qualification of Licentiate in Dental Surgery.

MR. E. SAVILLE PECK, M.A., Ph.C., member of the Council of the Pharmaceutical Society, was the subject of a biography (with portrait) which appeared in a recent issue of the "Cambridge Daily News."

Two Penrith chemists, Mr. Charles J. Dixon, Ph.C., and Mr. Banks Swinburn, were returned at the triennial election of the Penrith Urban Council. Mr. Frank Fawcett (Thomas Edmondson, Ltd., chemists, Penrith) was also successful.

MR. BENJAMIN DEAUVILLE, chairman and managing director of Newball & Mason, Ltd., manufacturing chemists, Nottingham, was on March 25 presented by the staff with a rose bowl "as a token of esteem and regard and to commemorate his fifty years of service with the firm."

Wills

MR. ANDREW HOOD OLIPHANT, Ph.C., of 20 Drumcondra Road, Dublin, Irish Free State, who died on November 8 last, left personal estate in England and the Irish Free State valued at £9,176 17s. 11d., and probate of the will dated August 14, 1911, has been granted to his widow, Mrs. Eliza Crake Oliphant, of the same address, to whom he left all his property absolutely.

MR. THEOPHILUS MORGAN DAVIS, of 194 Lewisham High Road, S.E.14, and of 34 Leicester Square, W.C.2, chemist and druggist, who died on January 10 last, aged 64, left estate of the gross value of £2,036 11s. 5d., with net personalty £358 10s. 2d. Probate of his will has been granted to Mrs. Tessa Verney Wheeler, of 2 Cardinal Mansions, Carlisle Place, S.W., the sole executrix.

Observations and Reflections

By Xrayser III

Amendments Enough

were to be moved when the Pharmacy and Poisons Bill went into Committee in the House of Lords, but the pharmacist must be hopeful indeed who expects to learn that many of those that appeal specially to him have been passed. Your enterprise in publishing so quickly the text of all the proposed amendments (*C. & D.*, March 28, p. 374) ought to commend itself to chemists and druggists generally. Meanwhile, we may be pleasantly anticipating the possibly successful outcome of our plunge in the Parliamentary sweep, just as we enjoy other little gambles; and I trust none of your readers will feel unduly despondent if the result is, as I greatly feel it must be, unfavourable on the whole to our aspirations. Organised opposition to the Bill must then occupy the attention of all of us who take the matter at all seriously, and that opposition will be, I should imagine, headed by the Council of the Pharmaceutical Society. Unless and until there is definite evidence to the contrary I shall expect to see the Society prominent in opposing the further progress of the Bill, if opposition should appear to be justified, and not the slightest notice need then be taken of any minor attempt to secure notoriety for unimportant individuals and transient associations or pseudo-associations.

Shop Closing

of a technical nature is now so familiar to all of us in retail business that I read with surprise what had happened in the recent Manchester case (*C. & D.*, March 28, p. 326), and I am glad to find that you have thought the matter of sufficient importance for serious consideration editorially. According to your report, the magistrate considered that the shop was not closed for the purposes of the Shops Acts, because the door was not fastened; but the chemist had stated in evidence that, as he was busy making up prescriptions it was impossible for him to shut the door. This appeared to me to be what had rendered him liable to penalty, namely that the door of the pharmacy was not shut. But if he was actually punished for not having the door fastened, my opinion was, and is, that the case should be taken to appeal, as I am fully in accord with the views expressed in your editorial article last week (p. 373.) A High Court ruling would appear to be essential in order that we may know exactly where we are in this matter.

The Progress

of pharmacy and allied sciences, as well as of all science, depends ultimately upon experimental investigations, either original or confirmatory; your remarks, therefore, made under the heading of "The Publication of Research" are most pertinent. It is, as you intimate, greatly to be deplored that so much matter purporting to be in the way of enlarging our knowledge of the sciences finds access to journals and other publications without having been submitted to the scrutiny of some committee or individual authority who can appraise its value. In the more prominent scientific societies I think it is usual, before papers are accepted for presentation to them, that the authors are required to submit their theses to committees of referees. This is so in the case of the Chemical Society. I am under the impression that it was also a requirement of the British Pharmaceutical Conference; but I am afraid that it cannot be carried out at the present time. It is well, and much to be thankful for, that you, yourself, have decided to use a discrimination which should do a great deal to curtail the overweening desire of professed "researchers" to see themselves

in print. "Illiterate specialists," mentioned by Professor Hill, are found in all grades of scientific workers. Medical and chemical literature are disgraced by the large number of contributors whose knowledge of their mother tongue is so scant as to make their observations almost unintelligible. Pharmaceutical literature is characterised by what Professor Hill calls the "premature specialists." This class of person hopes to make a name without first ascertaining what has previously been done in the field he is endeavouring to cultivate. Consequently his results have value—an ephemeral value—only in the eyes of those who are as young, or as poorly informed, as himself. Work of this kind should be rigorously excluded from publication. Research investigations should be examined with every care before publication, if they do not bear certain marks of authority, such as being issued under the auspices of a well-founded institution, or written by persons whose qualifications guarantee the value of their researches or who have attained a certain degree of eminence in their profession. Worship of the great god Priority leads to much premature publication, while results of actual value are often kept secret until such time as patent rights can be secured in a new process.

It is Curious

to observe how, at this time of year, the same few people begin to get busy at writing letters to the pharmaceutical Press. This periodic unburdening of their minds appears to be functional, and would be inexplicable if one did not recall the fact that the time approaches when a contest may be expected for seats upon the Council of the Pharmaceutical Society. We ought to know soon who has been nominated this year and who the contestants may be. Possibly those who think more of spectacles than of pharmacy will again be to the fore in opposition to representatives of ripe experience prepared to offer further service, and that will provide the explanation why team work is apparent in certain letters sent for publication.

The Constitution

of humanity, considered either in the mass or individually, almost ensures that from time to time old ideas and practices will be revived even among those who are the most knowledgeable. Nevertheless, it does seem a little surprising to read in one of our leading newspapers a letter, from a very well-known member of the medical profession, with a strong recommendation of snuff as a preventive of the common cold. His remarks received great support from others who had experienced the same benefit from the "titillating dust." Over sixty years ago, at the annual meeting of the British Medical Association in 1870, quite remarkable testimony was given as to the medicinal value of snuff. Dr. J. C. Murray said that the regular snuff taker rarely if ever died of phthisis, and stated that in his practice there had been six cases of recovery from this scourge as a consequence of the free use of snuff. He considered that snuff taking could be regarded as in some degree a means of warding off consumption and bronchitis, and said that the way to cure a cold was to have recourse to snuff taking at once. Neither at this time nor sixty years ago is there any virtue attached to snuff beyond its power of assisting the nasal organ to repel the invasion of matters inimical to the air passages. The disgusting use of this article in the eighteenth and early nineteenth centuries led to the employment of so-called "herbal" snuffs, which were equally useful as sternutatories. Formulas for these are still available, and might prove valuable. The pharmaceutical snuffs now sold are not intended for the same purpose.



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Editorial Articles

Pharmacy and Poisons Bill in Committee

The committee stage of the Pharmacy and Poisons Bill in the House of Lords consumed a considerable amount of time on March 26, but yielded little profit for pharmacists. There were twenty-nine pages of amendments; the majority, however, were drafting amendments. We give an eyewitness's report of the proceedings on p. 395. The debate occupies nearly thirty-eight pages in the official report. The attempt to convert "authorised seller of poisons" into "authorised person" was the first amendment to be negatived; and it drew from the Government spokesman a statement which lit up many dark places of the Bill. Lord Ponsonby said: "It is only a designation which it has been thought fit to put into the Bill which deals exclusively with the sale of poisons." On Clause 3 came the first real struggle (if struggle it can be called), on an amendment to make it unlawful for anyone save a pharmacist or a person under his supervision to dispense medicines in an open shop. Lord Ponsonby, whose knowledge or experience of the subject was not very evident, said he thought the proposal would in many cases involve great hardships. He continued:

"There are many parts of the country where there is no registered pharmacist within reach, and the effect of the proposed clauses in such places would be to prevent the population from getting quite simple remedies from a doctor's prescription."

His lordship said further that the amendment would affect the Society of Apothecaries, and would prevent the whole of the ex-Service class of Army dispensers from carrying on the business for which they were "quite well qualified." He affirmed that all the medical bodies consulted felt there were "very great difficulties and very great objections" in the way. When it was pointed out the noble lord had not quite caught the point of the amendment, and his attention was called to the National Health Insurance Act, he calmly replied:—

" . . . There is a very wide difference between the conditions under which drugs and medicines are supplied to insured persons under the National Health Insurance Act and the conditions under which they are obtained by the public in general. There is really no analogy between the two cases. Under the National Health Insurance Act pharmacists cannot charge what they like for the medicines they supply. Their prices are regulated by the drug tariff fixed by the Ministry of Health. Under the proposed amendment, while they would be given a monopoly of dispensing, there would be no restriction at all placed on the price they might charge."

Could there be a greater exhibition of sublime official bluff and deliberate burking of the question at issue? There are many things said in public life which can be forgiven as only surface frothing; but other things ought not to be said. It requires a great deal of forbearance to exculpate a responsible Minister of the Crown when he says:—

"The sort of instance I have in mind is of a notice being put up in a shop saying that nobody is authorised to sell poisons except the registered pharmacist and of an assistant, *with the connivance of the employer*, breaking that regulation which is printed and exhibited on the premises. I do not know if that is frequent, but it has been quoted to me as a possible case, and I understand that in those cases the assistant would be too frightened of losing his job to inform against his employer. I should think these cases are very rare, but we are dealing with people of a low moral standard, and therefore the greatest stringency is necessary." [Italics ours.]

If that is the considered view of a responsible Minister, the systematic rejection of most of the Pharmaceutical Society's amendments is more comprehensible.

Dispensing Discussed

Perhaps the absence of Lord Dawson paralysed the understanding of the noble lords on what the dispensing of medicines really is, while the Government spokesman had not the foggiest notion. It is quite clear that on the dispensing of medicines we are met with a *non possumus*, not on the merits, but on a rigid official refusal to consider anything other than poisons and the best methods of making Government control effective. It certainly was good tactics on the part of the objectors to postpone the final struggle. We cannot believe that Lord Ponsonby really meant what he said when, speaking of dispensing, he remarked: "If it is intended that the amendment should cover the so-called dispensing in hospitals the amendment will apparently not have that effect, as an essential element of dispensing is supplying." The further we wade through this official exposition, the more is the mind staggered by the inaccessibility of these exponents to any understanding of the interests involved. It gives point to the humorous expression used by Lord Halsbury in discussing the Poisons Board:—

"If you are going to draft the Bill in that way, there is a very much simpler way of doing it—namely, to have a short clause with two subsections, the first which says the Secretary of State for Home Affairs shall never be a fool, and the second that he may appoint such people to advise him as he thinks fit."

An effort was made to make the Poisons Board the final authority; the subject was pressed to a division, with the result that the Government gained

a majority of eighteen. The fight was certainly worth while. The effort to rationalise the poisons lists was not all in vain, as so good a case was made that the matter does not appear hopeless. Some greater safeguards in respect of Part II of the Poisons List will need to be devised. The reservations made in Committee may be forgotten, as so many reservations are. On the Poisons Board there will be one member from the British Medical Association and one from the Institute of Chemistry, making the possible number nineteen.

A Disappointing Outcome

The general impression left by this committee stage was one of great disappointment: officialisms remain untouched. An examination of the two divisions taken shows that there was no important difference between the attitude of either side of the House. The amendments were put forward entirely by those speaking for interested parties, and they showed a marked disinclination to proceed in face of the official exposition. The so-called fundamentals of the Pharmaceutical Society's Council have received short shrift; indeed, there appears little prospect of anything being done in the House unless Lord Dawson returns to assert his undoubted authority. From the experience gained on March 26 we know this Bill is making no great measure of appeal. The lords who supported the Government, though politically against them, presumably had the instinct to protest against what they imagine at present to be the easy distribution of poisons. The key to the situation is there; we must educate our masters more assiduously. It remains, then, to think more boldly in terms of opposition on the third reading in the Lords; and if we fail there, a different stand must be taken on the second reading in the Commons. A great deal will depend on the Retail Pharmacists' Union, full opposition having now become the issue, as will be seen from the official communications printed on p. 402. The Union has circularised members of the House of Lords; future efforts may be conceived more on publicity lines. The Retail Pharmacists' Union and the Wholesale Drug Trade Association can act in their respective spheres, but in unison, wherever needed, with the Council. The next parliamentary move is near the end of April; but we understand that negotiations are still proceeding over the points reserved for reconsideration on the report stage.

The Menthol Market

A CONSIDERABLE amount of interest has lately been shown in the market for menthol and Japanese peppermint oil, particularly the former. Since the beginning of the year menthol shows an advance of fully 2s. 6d. per lb., and the present prospects are that a further rise of say 1s. to 1s. 6d. may take place. One of the chief factors governing the market at the moment is that Japanese first hand prices are from 6d. to 9d. per lb. higher than what second-hand sellers offer in London, and stocks at the source are very firmly held. The situation is such that Japanese buyers were recently compelled to cover some of their forward contracts in London. On the rising market consumers have been induced to come in for spot parcels, and at the moment it would seem as if we shall see dearer menthol for several months. It must be remembered, however, that the menthol market is a notoriously speculative one, and when it suits their purpose Japanese operators may reverse their tactics.

Pharmaceutical Society of Great Britain

Decision on the Pharmacy and Poisons Bill

A MEETING of the following representatives of pharmaceutical organisations was held at 17 Bloomsbury Square, London, W.C.1, on March 31:—

Messrs.	Representing
A. R. Melhuish, F. G. Hines, H. Skinner, H. N. Linstead	Pharmaceutical Society of Gt. Britain
R. R. Bennett, F. W. Gamble, A. Mortimer W. H. Clubb, G. A. Mallinson, H. H. Marshall	Wholesale Drng Trade Association
H. England, E. S. Waring	Retail Pharmacists' Union
H. P. Arthur, F. W. M. Bennett, W. G. McNab, J. B. McVitae, C. Simpson	Company Chemists' Association
F. E. Bullen, F. G. Hobart, A. H. Jenkin	North British Executive
A. A. Dick, P. M. Duff, A. Murray, J. Weir J. Rutherford Hill, W. Bennett, M.P.	Guild of Public Pharmacists
	Scottish Pharmaceutical Federation

The president of the Pharmaceutical Society (Mr. A. R. Melhuish) was in the chair. An apology for absence was received from Mr. R. W. Lindsey.

The PRESIDENT informed the conference of the steps which had been taken to secure the presentation of the amendments desired by pharmacy to the Pharmacy and Poisons Bill during its second reading and its progress through committee in the House of Lords. He reported that it was the opinion of the Council of the Society that the changes which have been made in it were not such as to enable the Pharmaceutical Society to accept it, inasmuch as they did not provide satisfactorily for the two points laid down by the meeting of delegates of the Society's branches as being fundamental—the reservation of the dispensing of medical prescriptions in shops to pharmacists and the limitation of those poisons which the Poisons Board may place in Part II of the Poisons List. The representatives of the other organisations associated themselves with this statement of policy, and it was agreed that the organisations should unite to take every step possible to prevent the Bill in its present form becoming law. The conference asked the president of the Pharmaceutical Society to accept the responsibility for co-ordinating the work to this end, and it was agreed that the organisations represented would assist the president and the Pharmaceutical Society in every possible way.

Council Meeting

MONDAY'S AND TUESDAY'S PROCEEDINGS

The Council met on March 30 and discussed the position which had been created as the result of the passage of the Poisons and Pharmacy Bill through Committee in the House of Lords.

Among the business transacted at the Council meeting on March 31 were the following items:—

A letter from the Home Office requesting the Society to convey an expression of the Secretary of State's appreciation of the public spirit of a member for furnishing certain information which had led to the conviction of a medical practitioner for breaches of the Dangerous Drugs Regulations.

The Council agreed that of the three members nominated annually by the Council to the British Pharmaceutical Conference Executive, the member having had the longest period of continuous service should be ineligible for renomination for one year.

Mr. Peck presented a report of a deputation from the League of Ex-Service Pharmacists to the Financial Secretary of the War Office.

The Council resumed its proceedings at 16 Bloomsbury Square, London, W.C.1, on April 1, Mr. A. R. Melhuish (president) in the chair. There was a full attendance of members.

DEATHS

The PRESIDENT made sympathetic reference to the death of Lady Glyn-Jones. He had attended the funeral, he said, and had also given instructions for a wreath to be sent in the name of the Council. Every member of the Council would regret the passing of Lady Glyn-Jones. The president also referred to the deaths of Mr. Stewart Hardwick, of Bournemouth, and Mr. Henry Prosper Marsden, of Liverpool. The former, he said, was known best by older pharmacists, having passed his Minor and Major in 1877. He was a former secretary and president of the Bournemouth Pharmaceutical Association.

Mr. BILSON paid a tribute to Mr. Hardwick, who, he said, was a chemist of a type now rapidly dwindling in number. During the war, when many chemicals were unprocurable, he manufactured them in his own shop. He was responsible for the Bournemouth Formulary which was now included in the Codex, and a good many of his preparations were in constant use.

The PRESIDENT, speaking of Mr. Marsden, said he was well known, having been secretary and also president of the Liverpool Association.

The Council decided to send messages of sympathy to the relatives in each case.

NOMINATIONS FOR COUNCIL

The secretary reported that nominations had been received for the seven vacant places on the Council to be vacated by the seven retiring members, all of whom were eligible for re-election, and the following had signified their willingness to accept office if elected:—Antcliffe, Herbert, Sheffield; Atkinson, John Wilson, Birmingham; Barrs, Percy, London; Beardsley, William James, London; Laws, John Joseph, London; Lean, Wilfrid, Burton-on-Trent; McNeal, James Fallows, London; Marns, Thomas, London; Miller, Thomas Campbell, Dunfermline; Parry, Lewis Moreton, Liverpool; Peck, Ernest Saville, Cambridge; Skinner, Herbert, London; Wells, Frederick George, London.

PHARMACY AND POISONS BILL

The PRESIDENT made the following statement:—

In a letter to the pharmaceutical Press last week I was able to outline the history of the negotiations over the Pharmacy and Poisons Bill up to the day that it was to be taken in committee in the House of Lords. The Bill has now passed through committee. The report stage and the third reading will be taken when the House of Lords resumes on April 21. On second reading and in committee, the amendments desired by pharmacy were ably and energetically advocated by a number of peers. The normal interests of many of them were far removed from pharmacy, and we are indebted to them for the time and trouble which they have given to ensure that the case for pharmacy was adequately presented to the House. Pharmacists will have seen from the reports of the committee stage which have already been published that we have not been successful in securing the main objectives which we are seeking. As the division lists show, the official opposition voted with the Government. It is unfortunate that after so much work we have not achieved those objectives, but there is no call to be discouraged.

The Council at their meeting on Monday evening had the position before them and discussed it fully; their decision was that the failure of the Government to accept the two amendments which the delegates had declared to be fundamental to the acceptance of the Bill, namely, the reservation of the dispensing of medical prescriptions in shops and the limitation of the poisons which can be placed in Part II of the Poisons

List, had made it essential for the Pharmaceutical Society to use every endeavour to prevent the Bill becoming law so long as it remains in its present form. This policy of the Council was endorsed by a meeting of representatives of the established pharmaceutical organisations held in the Society's house on Tuesday morning, a report of which has been issued separately. The position now is that the whole of pharmacy is united in an endeavour to prevent the present Bill becoming law.

The Council and the organisations have entrusted to me, as president of the Society, the duty of unifying the efforts which will be made to achieve this end. In so doing I have been assured of the loyal support of all the organisations. Within the next few days I shall be asking branches to take certain action, and I know that the Society can rely upon a loyal response from branch officers to the requests which will be made to them. I still hope that what we are seeking for can be achieved, but we cannot afford to wait upon events, and the whole of our energies must now be concentrated upon opposition to a Bill which so inadequately meets the needs and aspirations of pharmacy.

Mr. NEATHERCOAT: I rise to demur from the policy outlined in the statement by the president this morning. For some time past the whole of the organised pharmaceutical community, directed by the Pharmaceutical Society under the guidance of the president, has been engaged in trying to add to the Government Pharmacy and Poisons Bill such additions as would satisfy the general desires and aspirations of pharmacy. These various alterations and additions have so substantially boiled down that at the present time these suggested amendments are centred around two main principles. After considerable effort on the part of the Society you have failed to convince the House of Lords of the justice of the pharmaceutical cause. Now apparently the Pharmaceutical Society is determined to oppose in the House of Lords the further stages of this Bill in its present form. Up to now, speaking generally, you were endeavouring by the pharmaceutical amendments to improve the Bill in the interests of pharmacy by the addition to the Bill itself of phrases and clauses which the Bill did not originally contain. That is one thing. It was a laudable and, in every way, praiseworthy effort, but it failed in the House of Lords. All along I have been in sympathy with and have done what I could to help these efforts, and whatever happens, for my part, I shall certainly continue my efforts to secure such concessions as may be possible in the pharmaceutical interest, and there is still considerable time left and opportunity for this to be done. To try and improve the Bill is one thing, but I suggest to you that, having failed so far to improve the Bill by the addition of enactments which it does not at present contain, it is a far different thing to decide to resist the further progress of the Bill through the House, because that means that, having failed with your suggested additions, you are opposing all the clauses and principles that the Bill already contains at the present time, and you are doing this despite the fact that you did not formerly oppose any of the clauses of the Bill in committee of the House of Lords. I cannot subscribe to this course of action. I disagree with the avowed policy of the Society as thus expressed. If that policy were successful in defeating this Bill, I consider it would be a national and a pharmaceutical setback. I am all in sympathy with the pharmaceutical amendments if possible of attainment, but I must record my firm conviction that this Bill, as originally introduced by the Government, represented, under present-day conditions, the best obtainable compromise of the many conflicting interests. But, further, what is perhaps more important here in this building, I have always been convinced that the Government Bill represented a distinct pharmaceutical advance and contained many invaluable advantages in the direction of the pharmaceutical aspirations of the last twenty-five years. It is because I very sincerely hold these opinions and have never been afraid fearlessly to express them, that

I feel myself bound, although very reluctantly, but still very firmly and definitely, to dissociate myself with what appears to be the now declared policy of the Society, as announced by the president's statement.

The VICE-PRESIDENT moved that the president's statement be accepted as the policy of the Council.

Mr. PARRY, seconding, was proceeding to speak when the president suggested that the matter should be discussed in committee.

Mr. PARRY, however, said that would hardly be fair, seeing that Mr. Neathercoat had made his speech in public. He went on that pharmacists regarded the present compromise represented in the Bill as a misfortune unless they could get some amendments introduced making it worth while for pharmacy. Lord Ponsonby had said that although cases were rare, they were dealing with people of a low moral standard. He (Mr. Parry) did not know whether that conception was general in the House of Lords, but he thought it ought to be corrected, and the attention of the Home Office called to it. [See p. 401.—EDITOR.]

The PRESIDENT said Mr. Neathercoat had stated that they had failed to convince the House of Lords of the justice of their cause. He did not think that should be allowed to pass. It was not a question of the justice of their cause. The House of Lords was dealing more with poisons than with pharmacy. He regretted very much that Mr. Neathercoat had not been present when the whole of the question was debated at very great length on Monday night, and the Council were unanimous in coming to a decision. With regard to Lord Ponsonby's remark, it was not intended to apply to pharmacy, and unofficially he had had an explanation.

Mr. PARRY said they wanted something more.

The president's statement was approved, Mr. Neathercoat being the only member to vote against its acceptance as the policy of the Council.

(*The Council was still in session when we went to press.*)

Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 28 Essex Street, London, W.C.2."

QUALITATIVE ANALYSIS

A MIXTURE of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture may contain metallic and acidic radicals occurring in the British Pharmacopoeia, or any of the commoner radicals not mentioned in that work, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by a stamped and addressed envelope, not a stamp merely) will be received up to Tuesday, April 7, on which day the samples will be posted. Students' reports will be received up to Saturday, April 18. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced above forms the final exercise in the analytical tournament for the current winter session. The usual monthly first and second prizes in this series of analyses will be awarded only to apprentices or assistants who have not passed in Chemistry in the Preliminary Scientific examination in Great Britain, in the Licence examination in the Irish Free State, or in Chemistry, Part I, in Northern Ireland, which fact must be attested on their reports. They will not be awarded to former winners of tournament prizes.

Industrial Methylated Spirit Regulations

AT a meeting of the Branches of the Retail Pharmacists' Union and the Pharmaceutical Society, held at Durham on March 18, Mr. W. Forster, Ph.C. (a member of the Executive of the R.P.U.), read a paper entitled "A Guide to the Methylated Spirits Regulations, 1930, for Dispensing Chemists."

The Regulations came into operation on January 1, 1931. Dispensing chemists who prior to January 1 held an authorisation to receive industrial methylated spirits either for dispensing purposes or manufacture of certain articles, or both, are now authorised, without further application, to use industrial methylated spirits as before, and in addition to make any article in the Second Schedule.

The Second Schedule

Classes A and D in this Schedule are those that are of special interest to retail chemists. The articles named therein are not subject to any conditions such as recording or copying in the prescription-book.

Class A includes most of the B.P.C. external medical and toilet preparations, some preparations in the National Health Insurance Formulary and all articles in the R.P.U. Formulary of Methylated Spirits Preparations. This Formulary contains a copy of the Second Schedule and a considerable number of approved formulas for toilet preparations, remedies, veterinary medicines, cinema sprays, soap test solutions for determining hardness of water, according to either Clarke's or Wanklyn's process, and a number of Class D preparations. Many of the formulas involve maceration and percolation processes, and it is an opportunity for chemists who have abandoned such processes by ceasing to make tinctures, etc., on account of loss of duty-paid alcohol, to use such processes having duty-free alcohol allowed, which cuts the loss to practically a penny or two.

Class D includes french polishes, varnishes, etc. It should be noted that in *Class D* it is permissible to use industrial methylated spirits to make any varnish or polish solution containing not less than 6 oz. of commercial shellac, or 8 oz. of any other gum-resins per gallon in solution, provided that if gum benzoin is used the 8 oz. of gum resins must include one or more other gum resins. The R.P.U. polishes and varnishes all contain considerably more resin (sandarac, colophony, shellac, copal, damar, thus) in solution, as also do the formulas for varnishes and polishes in "Pharmaceutical Formulas," all of which come under *Class D* of the Second Schedule. For varnishes and polishes, shellac, resin, etc., is best dissolved by stirring in a jar with a stick with some of the spirits, decanting and adding more spirits. A batch with occasional attention can be made in a few hours; sandarac, however, requires a lot of shaking and should be dissolved in a bottle and decanted.

Dispensing

The dispensing of National Health Insurance prescriptions and private prescriptions or orders is subject to different conditions.

National Health Insurance Prescriptions.—Prescriptions for industrial methylated spirits alone, industrial methylated spirits diluted with water, or industrial methylated spirits as an ingredient in a preparation are subject to the following conditions:—

(1) (a) No greater quantity than one pint of industrial methylated spirits, either alone or diluted with water, or as an ingredient in an article not in the Second Schedule, may be dispensed at any one time.

(b) A prescription for the spirits alone, or merely diluted with water, must be dispensed within seven days after the date it bears.

(c) Bottles or other containers must be suitably labelled to indicate the spirits or preparations are for external use, as "For external use only," "Not to be taken," or otherwise to the same effect. It is not necessary to indicate on the label when industrial methylated spirits alone or diluted with water is dis-

pensed for a patient that the contents are industrial methylated spirits. It is sufficient to use the title and directions prescribed or intended by the medical practitioner, as "The Lotion," "The Paint," etc. Printed labels of this type usually have words such as "For outward application only" or "Poison."

N.H.I. prescriptions for industrial methylated spirits, or preparations containing industrial methylated spirits, are exempted from having to be recorded in any way or copied in the prescription-book, exactly in same way as N.H.I. scripts are exempted under the Pharmacy Acts, the Ministry of Health keeping all prescriptions for two years. "Dangerous" drugs (e.g., oleinatum cocaine, B.P.C.) must be entered in the D.D. register.

Private Dispensing

Private prescriptions are differentiated into three kinds and subject to different conditions, and may be written by qualified medical practitioners, dentists, or veterinary surgeons. The articles, or the industrial methylated spirits, must only be dispensed on a prescription or order, dated and signed by a qualified medical practitioner, dentist or veterinary surgeon.

(1) A "prescription" or "order" for industrial methylated spirits or industrial methylated spirits merely diluted with water.

(2) A "prescription" or "order" containing, in addition to industrial methylated spirits, one or more ingredients as chemicals or drugs, or prescribing by the recognised short title any "prescription formula" for external use given in any recognised book of reference.

(3) A "prescription" or "order" for any article in the Second Schedule.

Kind 1 (a) must specify the quantity of industrial methylated spirits (undiluted or diluted) required;

(b) must not be acted on more than once nor more than seven days after the date it bears;

(c) must be retained by the dispensing chemist for two years; no greater quantity than one pint of industrial methylated spirits, either alone or diluted with water, may be supplied at any one time to or for the use of any one person;

(d) the bottles in which industrial methylated spirits are dispensed must be conspicuously labelled "For external use only," "Not to be taken," or otherwise to the same effect. When dispensing for a patient it will be sufficient, in addition to one or other of the above wordings, to use the title prescribed, or intended, as "The Lotion," "The Liniment," etc. When industrial methylated spirits are dispensed for practitioner's own use, the bottle should bear a label showing that the contents are "Industrial Methylated Spirits."

Kind 2.—The prescription must be entered in a prescription-book, with the name of the person for whom the prescription is written and of the person by whom it is signed. It must contain no greater quantity than one pint of industrial methylated spirits as an ingredient. The prescription can be returned to the person, and can be repeated, an entry on each occasion to be made in prescription-book. A prescription for lotio evaporans, B.P.C., is not of this kind, as it is merely a dilution of industrial methylated spirits with water, and cannot be repeated, but lotio evaporans, N.H.I. Formulary (containing an additional ingredient) can be repeated.

If practitioners order preparations for their own use not in the Second Schedule, or preparations which the chemist has not special authority to make and sell without record (unless they are authorised preparations of some manufacturer that he can sell), such prescriptions or orders should be entered in the prescription-book, and the requisite entry be made in prescription-book on each occasion it is repeated.

Kind 3.—Prescriptions for articles in Second Schedule, Class A, which includes the R.P.U. Formulary, need

not be copied in the prescription-book; and such articles can also be sold without a prescription. Iodine preparations are best made with industrial methylated spirits that contains (denatured) synthetic methanol (methyl alcohol).

SUMMARY

Kind 1.—Keep prescription or order for two years; no record or copying in prescription-book is required.

Kind 2.—Copy prescription or order in prescription-book. Return prescription to patient. Repeat when necessary, and enter in prescription-book.

Kind 3.—No record of any kind required. Note: A prescription or order for supply to doctors of industrial methylated spirits in quantities not exceeding 1 pint may be regarded as a dispensing transaction; and if industrial methylated spirits outside that scope are not disposed of, a licence to sell with consequent keeping of stock accounts is not required. Industrial methylated spirits, or preparations containing it, may be dispensed on Sunday.

The Methylated Spirits Regulations, 1930, in requiring prescriptions (not N.H.I.) to be entered in the prescription-book, is neither more nor less than what is ordinarily done by a dispensing chemist with any prescription not N.H.I. In fact, the chemist under the Pharmacy Acts must enter prescriptions containing scheduled poisons (excepting N.H.I. scripts) in the prescription-book. Prescriptions for articles in the Second Schedule exempted under the Methylated Spirits Regulations do not release chemists from their obligations under the Pharmacy Acts from entering those containing scheduled poisons in the prescription-book.

Sale of Industrial Methylated Spirits

Existing authorities held by dispensing chemists prior to January 1, 1931, do not now permit the sale of industrial methylated spirits. Sales are distinct from dispensing, as no greater quantity than one pint can

be dispensed either for a doctor's own use or for a patient. See note above. Dispensing chemists desiring to sell industrial methylated spirits must:—

1. Hold or take out a methylated spirits retailers' licence.

2. Must make application on Form EX No. 225 A to sell industrial methylated spirits. The stock of industrial methylated spirits for sale must be kept separate from stock used for manufacturing and dispensing, and an account kept of all sales, and the account balanced monthly.

(a) Sales can be made to any "authorised user" on receiving from the purchaser a requisition in the official form in any quantity not exceeding four gallons at one time. Such purchasers include dispensing chemists, medical practitioners, dentists, veterinary surgeons, hospitals, nursing homes, universities, colleges, schools and scientific workers.

(b) Sales can be made without an official requisition form in any quantity not exceeding half a gallon at one time to a medical practitioner, dentist, veterinary surgeon, hospital or nursing home, on a written order signed by a qualified medical practitioner, dentist or veterinary surgeon. Hospitals and nursing homes should arrange for a doctor to whom they are known to sign orders for them. The doctor in attendance at a welfare centre could obtain a supply on his signed order.

Labelling Conditions

Affix to every bottle or other container in which industrial methylated spirits are sold a label showing that the contents are industrial methylated spirits. It is only in connection with sales of industrial methylated spirits that an account has to be kept and a separate stock kept for that purpose. A model form of account is shown in R.P.U. Formulary, page 16. The quantity of industrial methylated spirits without bond allowed is up to 100 gallons per annum.

Some Early Customs Dues

RECORDS of rates charged on goods imported into London in the seventeenth century have been fairly well preserved. The Second London Charter of Charles I, for instance, dated September 5, 1640, has been reprinted with its schedules. From these we may learn the particulars of the Customs rights given to the City by the King in consideration of the sum of £4,200. The following are among the entries in (A) the "Scavage Table of Rates Inwards," and (B) the "Package Table of Rates":—

A

	s. d.
Brimstone, the cwt. qt. 112 lb.	0 0½
Cochenele, Silvester or Campecha, the pound	0 0½
Cochenele, of all other sorts, the pound	0 1
Drugs, ambergrise, the ounce	0 1½
Ditto, alooficatrina, the pound	0 0½
Ditto, gum armoniack, the c. qt. score	0 6
Gum araoick, the cwt. qt. 112 lb.	0 2
Indico, the cwt. qt. five score	2 0
Linseed, the quarter	0 1
Littimus, the cwt. qt. 112 lb.	0 1
Saffron, the pound	0 0½

B

	s. d.
Arnetto, the hundred, qt. five score	0 3
Drugs, assa foetida, gum armoniack, gum lac, olibanum and sassafras, the cwt. qt. five score . . .	0 6
Ditto, rhubarb, the pound	0 1
Ditto, scammony, the pound	0 1
Frankincense, the cwt. qt. 112 lb.	0 1½
Garble, of cloves, the cwt. qt. five score	0 4
Salt petre, the cwt. qt. 112 lb.	0 2
Silver, quick, the cwt. qt. five score	0 8
Soap, hard castle, the cwt. qt. 112 lb.	0 2
Wormseed, the cwt. qt. five score	0 6

By Commonwealth times Excise duties had been imposed in addition to Customs duties. An Act of 1657, entitled "An Additional Act for the better improvement and advancing the Receipts of the Excise and New Impost," has appended to it "A Book of Values of Merchandise imported, according to which Excise is to be paid by the first Buyer." Among the entries of drugs are:—

	£ s. d.
Acacia, the pound	00 04 00
Alchernes } Syrup, the pound	00 03 04
Aloes Epatica, the pound	02 00 00
Camphire refined, the pound	00 01 06
Cancri oculus, the pound	00 03 04
Civet the ounce Troy	02 00 00
Elleborus albus & niger, the pound	00 00 06
Fox Lungs, the pound	00 01 04
Ginny Pepper, the pound	00 00 03
Gum Tragagant, the pound	00 00 09
Horns of Harts or Stags, the hundred weight . . .	02 10 00
Lignum Nephriticum, the pound	00 01 04
Mercury sublimate, the pound	00 04 00
Mummia, the pound	00 01 06
Opium, the pound	00 06 00
Saunders red, alias Stock, the pound	00 00 99
Scorpions, the hundred	00 03 00
Sena, the pound	00 04 00
Spunges, the hundred weight	00 05 00
Troscici de Vipera, the ounce Troy	00 02 06
Treacle of Venice, the pound	00 06 03
Turpentine of Venice, Scio, or Ciprus, the pound .	00 02 00
Verdigrease, the pound	00 01 03

Apparently the entries were not sufficiently co-ordinated. For example, "incense or olibanum" is charged at £3 12s. per cwt., whereas "olibanum or incense" has to pay a duty of 11d. per lb. Possibly the young civil servants of that period did not take their duties too seriously.

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products, even in bulk quantities.

28 Essex Street, W.C.2, April 1

OWING to the approaching holidays and the end of the quarter business has quietened down considerably, and there are few features of special import. The political and economic situation is certainly no worse, and views are entertained as to some broadening of trade activity when the Budget is out of the way. Menthol remains very firm with a fair amount of spot business passing, while Japanese dementhrolised peppermint oil also comes firm from the source. Refined camphor continues in good demand. Matto Grosso ipecacuanha is lower; Timnevelly senna pods are in good demand, with all the cheap parcels cleared. A fair quantity of new crop West Indian tamarinds have arrived, and an endeavour is being made to control the prices; on a continued sensitive market new Norwegian cod-liver oil has advanced a further 5s. per barrel, but the makers have refused to sell large quantities. Kordofan acacia is 6d. to 9d. per cwt. cheaper on the week. Among the aromatic seeds, canary is becoming scarcer, and the opinion is expressed that advantage should be taken of the present relatively low prices as an advance seems imminent. Morocco coriander is firm. Cardamoms remain quiet, and in desiccated coconut rather more business has been done. Some of the spices show a downward tendency, including Zanzibar cloves, pimento and nutmegs. Pepper is quiet and lower, while spot shellac is 5s. cheaper. In pharmaceutical chemicals business is quiet with most prices steady, with no important changes. Citric and tartaric acids continue to sag, and the demand for cream of tartar is poor. Industrial chemicals show no change, with slow business reported. Among the fixed oils the recent slight improvement has not been maintained, and a number of prices are easier. Cotton is lower, while palm kernel, palm and linseed oils are easier. Turpentine is much cheaper.

Higher	Firmer	Easier	Lower
Canary seed (La Plata, c.i.f.)	Paraffin wax and scale	Antimony Benzols Gum acacia (Kord.) Palm kernel oil Palm oil Paraffin oils Pimento Rubber White oils	Cloves (Zan.) Cotton oil Ipecacuanha (M. Grosso) Linseed oil Pepper Shellac Turpentine
Cod-liver oil (Norw.)			

Cablegram

BERGEN, April 1.—The catch of cod since the opening of the season now amounts to 19,051,000, against 39,183,000 for the corresponding week of last year, and the yield of steam-refined non-freezing oil is 30,760 hectolitres, against 50,179 hectolitres at the same date last year. The fishing at Lofoten is again poor, and the market is still advancing with buyers in the majority. To-day 125s. per barrel c.i.f. is quoted for finest new medicinal steam-refined non-freezing oil. About 20,000 hectolitres have been exported from Norway this year.

Crude Drugs, etc.

ANTIMONY.—There was little doing in Chinese refined, but the market is about steady with sellers at £25 to £25 10s. delivered warehouse. C.i.f. terms for shipment are unchanged at about £25, and there has been some business reported in parcels afloat to Hamburg up to £23 10s. c.i.f. Chinese crude remains neglected at £21 10s., on the spot, and Chinese white oxide is £31.

CAMPHOR (REFINED).—Japanese flowers and ½-oz. tablets continue in good demand. Flowers are from 2s. 2d. to

2s. 2½d., and ¼ oz. at from 2s. 7d. to 2s. 7½d. on the spot; 2½-lb. slabs are nominal at 2s. 1d. spot. C.i.f. prices are unchanged.

CARDAMOMS remain quiet and unchanged: bold Ceylon Mysore are offered at 6s. to 6s. 3d., mediums 4s. to 4s. 3d., small mediums 2s. 9d. to 3s., and smalls 2s. 3d. to 2s. 6d. Green Alleppy on spot are 2s., and for shipment 1s. 9d. c.i.f. is quoted. Bombay seeds are worth 3s. on spot.

COCOA BUTTER.—Prime English is quoted at 11d. C.F.R. at 11d., and Van Houten's "A" at 11½d. per lb. in not less than one-ton lots.

COCONUT (DESICCATED).—A little more business has been passing. The latest prices quoted are: fine, on spot, 23s., and medium 23s. 6d. For shipment, April-May and May-June is offered at 21s. 1½d. per cwt. c.i.f.

CLOVES.—Zanzibar are quiet and lower at 11d. per lb. spot; April-May shipment is 9½d. c.i.f. Madagascar on the spot is 10½d. per lb., and for April shipment 9½d. per lb. c.i.f.

The landings of Zanzibar in London during the week ended March 28 have been 25 and the deliveries four, leaving a stock of 475, against 1,389 in 1930 and 1,495 bales in 1929. From January 1 to date landings of Zanzibar have been 409, against 2,962 in 1930, and the deliveries 846, against 2,571 in 1930. Landings of Madagascar for the week ended March 28 were 60 and the deliveries nine, leaving a stock of 1,793, against 1,129 in 1930 and 1,621 bales in 1929. Landings of Madagascar this year to date have been 1,271, against 1,444 in 1930, and the deliveries 1,019, against 329 in 1930.

COD-LIVER OIL.—The market in Norway continues very excited and sensitive, owing to the meagre results of the new season's production, and prices have advanced a further 5s. per barrel, up to 125s. c.i.f. for finest new Lofoten oil. During the past three weeks there has been a total advance of nearly 30s. per barrel, and unless production shows a decided improvement still higher prices may be expected. As we anticipated last week, fishing is again unsatisfactory, the total production of oil being 31,000 hectolitres against 50,179 hectolitres at the same date last year, or a deficiency of 19,179 hectol. In short, the total production of Lofoten oil when converted into finest medicinal quality is only 24,030 barrels. Several large orders have been cabled for acceptance, but makers have refused to sell except only in limited quantities for immediate shipment, as with a short production they naturally think the oil should be well distributed to consumers. Writing on March 25 our Bergen correspondent states that the cod-fishing at Lofoten continues very poor compared with that of preceding years. Most of the hauls have taken place in East Lofoten, where the greater part of the boats are stationed; mostly the returns have been poor and uneven. The number of fishermen partaking in the industry is greater than in any of the preceding years. Prices for the livers in the Lofotens have been rising daily, and the cost of producing the oil has been higher than the quotation. Producers are holding aloof and exporters are only inclined to sell for immediate shipment and will not close for future delivery. It must be remembered that the greater part of the fishermen will leave the Lofotens at or before Easter. [See also cable.]

GALLS.—Chinese to arrive offer at 52s. 6d. per cwt. c.i.f. for ordinary for May-June shipment.

GINGER.—West African on the spot is quoted at 26s. per cwt., and to arrive, sellers quote 22s. 6d. c.i.f. Washed rough Cochin is 45s.; Calicut, 52s. 6d.; Cochin B. cut. 85s.; small Jamaica, 45s.; and bold 77s. 6d. to 80s. per cwt. Arrivals comprise 2,898 bags West African to London.

GUM ACACIA has created little interest this week, and prices are from 6d. to 9d. per cwt. lower all round. To arrive, March-April shipment is quoted at 38s. 6d. to 39s. per cwt. c.i.f. for new crop Kordofan cleaned and 37s. c.i.f. for natural. Spot is offered at 47s. to 49s. 6d. for cleaned Kordofan and natural at 45s. Good bleached white is unchanged at from 130s. to 135s., as to quality. Talha is 29s. 6d. spot and 22s. per cwt. c.i.f.

IPECACUANHA.—Matto Grosso is cheaper at from 7s. 10½d. to 8s. 1½d. per lb., as to quality. Arrivals comprise eleven bales from Monte Video.

KAMALA.—The "City of Barcelona" has brought 40 cases from Karachi to Liverpool.

MENTHOL.—First-hand sellers present a very firm front, and for any position for shipment 14s. 6d. per lb. c.i.f. is asked. From second-hands there are sellers at from 13s. 10½d. to 14s. c.i.f. On the spot, a fair amount of business is passing in single cases, also three- and five-case lots. There are buyers in several directions at 14s., with nothing to be had at below 14s. 1½d. to 14s. 3d. We understand that

orders offered at slightly lower prices cannot be filled, and indications point to the price being 14s. 6d. to 14s. 9d. before long.

MERCURY.—There has been no change in the attitude of consumers, who are buying strictly from hand-to-mouth, and their reticence is undoubtedly partly due to competition outside of the Combine, apart from the high price ruling. The official quotation for small lots on the spot is £21 17s. 6d. net per bottle, but for good-sized parcels a rebate is being made on this figure. The c.i.f. quotation for shipment of controlled metal is still £21 15s. f.o.b. for at least 25 bottles.

PEPPER is quiet and lower. Lampung spot is quoted at 6d. per lb. To arrive, sales include January-March at 5½d. to 5½d., to 5½d., March-May at 5½d. to 5½d., to 5½d., and August-October at 5½d. to 5½d. c.i.f. Tellicherry is quoted at 54s. c.i.f. Alleppy is 54s. c.i.f. White Muntok declined to 8½d. per lb., but sold up, to 9½d. on Tuesday. To arrive, sales include January-March at 8½d. to 8½d. c.i.f., and March-May at 8½d. to 8½d.; April-June sold at 8½d., and August-October at 8½d. to 8½d. c.i.f.

PIMENTO is quiet and lower at 4½d. per lb. spot; April-May shipment is quoted at 34s. per cwt. c.i.f.

PLATINUM.—Demand has latterly improved at the low price ruling, and a good number of parcels were absorbed at prices ranging from £5 5s. to £5 15s. per oz.

RUBBER is fractionally easier on the week, spot having been sold down to 3½d. per lb.; this is the lowest price on record, and the market closes dull. Whilst a certain amount of spot buying has taken place at the lower price level, a feeling of uneasiness has crept into the market, in consequence of further financial trouble. The question as to whether restriction of output will be agreed upon by the various interests still remains unsettled. Arrivals last week totalled 2,132 tons, whilst deliveries were 1,402 tons, showing a further increase of 730 tons in the stocks. The London stock now stands at 83,862 tons, against 69,233 tons at the corresponding period last year. The Liverpool stock now stands at 48,321 tons. Quotations (Tuesday, 5 p.m.): No. 1 standard ribbed smoked sheet, spot and April, 3½d.; May-June, 3½d.; July-September, 3½d.; October-December, 3½d. per lb.

SEEDS.—**ANISE.**—Spanish is 47s. 6d., Bulgarian 32s. 6d., and Russian 31s. per cwt. on the spot. **CANARY.**—According to information received from Germany, the only parcels offering are second hand. With regard to the forward position, there are sellers of Morocco (4 per cent.) at £18 per ton c.i.f. The price of La Plata has been raised, and at the present moment £15 10s. per ton c.i.f. is asked. The stocks in Morocco and Turkey are small, amounting to between 100 to 200 tons. It is anticipated that there will be a scarcity of canary as soon as a general demand makes itself felt. Importers are of the opinion that buyers would do well to take advantage of the relatively low prices now asked, in order to stock themselves before a rise in prices takes place, which seems to be inevitable as soon as we experience a genuine demand. In view of the long period of time that buyers have abstained almost completely from operating on this market, it is thought that a general demand cannot be long delayed. Latest prices quoted on spot are: Mazagan 23s., Casablanca 20s., Tangier 21s. 6d., Saffi 21s., and Morocco (4 per cent.) 18s. 6d. **CORIANDER.**—It is reported from Morocco that the stocks of 1930 crop are now exhausted. The only stocks remaining in Morocco are of the 1929 crop, containing from 1 to 5 per cent. of weevilled seed. Business has been done from Germany to the U.S.A. at the parity of 16s. 6d. per 100 kilos, ex store, Hamburg, which is equivalent to about 8s. 6d. per cwt. of 112 lb., ex store, Hamburg. On spot (London), sound seed is selling in small lots at 9s.; weevilly seed is worth 8s. 3d. to 8s. 6d. per cwt. **CUMIN.**—Malta on spot is quiet at 57s. 6d.; Morocco has been sold at 52s. 6d. spot. **FENUGREEK.**—Morocco old crop is 16s. 6d. on the spot; new crop is 14s. 6d., and Tunisian 17s. 6d. **CARAWAY.**—Dutch on spot is now quiet at 28s. **MUSTARD.**—English is 23s. 6d. to 32s. 6d. per cwt., according to quality.

SENNA.—Tinnevelly pods are in good demand, and all the cheap parcels have been cleared. Values are ordinary 4d. to 4½d., and hand-picked 6d. to 7d. per lb.

SHELLAC is dull and lower. Usual standard TN orange on the spot is 82s. 6d. per cwt., fine orange is 100s. to 180s., pure button is 110s., and AC cakey 102s. 6d. To arrive, March-April shipment is quoted at 68s. c.i.f., and April-May at 68s. 6d. c.i.f. Sales for delivery include May at 74s. closing sellers at 72s. 6d., August at 76s., and October at 80s. to 76s.

TAMARINDS.—Arrivals comprise 350 barrels from Barbados and 133 from Antigua. Owing to the unremunerative

prices for a lengthy period an endeavour is being made by a number of importers of West Indian tamarinds to control prices of the present new crop. Prices vary according to the quantity, and for Barbados range from 27s. 6d. to 30s. per cwt. ex wharf in bond.

WAX (VEGETABLE).—Japanese is quiet at 58s. per cwt. on the spot, and for April-May shipment 43s. c.i.f. is quoted. Carnauba is quoted at 70s. for fatty grey, on spot and at 62s. c.i.f.; chalky spot is 67s. 6d. and 59s. c.i.f. Primera is 117s. 6d. spot and Mediana 110s. spot, the shipment prices being nominal.

Essential Oils

SINCE last week demand has been quiet. Cassia is firm. Java citronella is also firm on the spot, and to arrive. American peppermint is weak. Citrus oils are unchanged. Bourbon geranium is firm at advanced prices.

ANISE (STAR).—“Red Ship” brand and B.P. is about steady. Leads are 2s. 4d. and tins 2s. 3d. per lb. C.i.f. prices are unchanged at 1s. 10½d. for leads, 1s. 9d. for tins, and 1s. 8½d. for drums.

BERGANOT is unchanged at from 7s. 6d. to 7s. 9d. per lb. spot for 38-40 per cent. i.e., and to arrive at from 7s. 4½d. to 7s. 6d. per lb. c.i.f.

CASSIA, 80-85 per cent., is firm on the spot at 3s. 1d., and to arrive at 2s. 9d. per lb. c.i.f.

It is reported that an official bureau has been opened at Wuchow for the examination of cassia oil intended for shipment abroad. The object is to maintain a high standard of quality of exports of cassia oil, and prevent the export of oil of inferior grade. The expenses incurred in connection with the maintenance of the bureau will be met by collecting inspection fees from dealers in cassia oil who desire certificates of quality.

CEDARWOOD is firm at 1s. 10d. per lb. spot in tins and 1s. 8½d. to 1s. 9d. in drums. To arrive, drums are quoted at 1s. 7d. per lb. c.i.f.

CITRONELLA.—Java is firm on the spot at 1s. 11½d. to 2s. per lb., as to seller and quantity, and to arrive at 1s. 11½d. per lb. c.i.f. Ceylon on the spot is quoted at 1s. 9d. to 1s. 6d. c.i.f., to arrive.

EUCALYPTUS.—70-75 per cent. is quoted at 1s. 2d. per lb. spot, and 80-85 per cent. at 1s. 4d. spot.

GERANIUM.—Bourbon is firm at the advanced price of 17s. 3d. per lb. spot. One or two isolated c.i.f. offers have been in the neighbourhood of 16s. 3d. per lb. c.i.f. Algerian is steady at 17s. 6d. spot.

LEMON.—Little business is passing, and there is a tendency to accept orders at slightly under last week's prices.

LEMONGRASS is quoted at 2s. 2d. per lb. spot, and 2s. 1d. per lb. c.i.f. to arrive.

ORANGE.—Bitter is quoted unchanged at 7s. 3d. to 7s. 6d. per lb. spot, and at 7s. to 7s. 3d. per lb. c.i.f. Sicilian sweet is at 8s. 3d. spot, and to come forward at 8s. per lb. c.i.f.

PEPPERMINT.—Japanese dementhrolised comes very firm from Japan, where first-hand sellers quote from 4s. 6d. to 4s. 9d. per lb. c.i.f. Second-hand sellers quote from 3s. 11d. to 4s. 2d. c.i.f., near positions being the cheaper. On the spot, not much business is passing. Prices are from 4s. to 4s. 3d. per lb. as to brand. American natural tin oil is quoted at 7s. 8d. to 8s. per lb. c.i.f. as to seller, and on the spot at around 8s. per lb. H.G.H. is 12s. 3d. per lb. spot.

SANDALWOOD.—In a review of the report on the Administration of the Forest Department of Mysore for the year 1929-30, the local Government states that a quantity of 2,197 tons of good wood was supplied to the sandal oil factories, against 2,360 tons in the previous year, and the net receipts from the sale of oil was Rs. 23,29,171, against Rs. 24,62,829 during the previous year. Mysore Government sandalwood oil is unchanged at the official scale: one-case lots at 30s. per lb.

SPEARMINT is 12s. to 13s. 6d. per lb. spot as to seller and brand: to arrive 11s. 3d. to 11s. 9d. per lb. c.i.f.

WORMSEED (CHENOPODIUM) is quoted at 14s. 3d. per lb. spot, and to arrive at from 13s. 6d. to 14s. per lb. c.i.f.

The following arrivals have taken place from the countries indicated during the period March 18 to March 24, inclusive: Almond (Fr.) 5 cs.; anise (H.-K.) 20 pkg.; bay (B.W.I.) 5 cs.; citronella (Java) 4 dm.; clove (Fr.) 1 dm.; eucalyptus (Aust.) 1 dm.; geranium (Fr.) 1 dm. (Kenya) 1 dm., (Ré) 3 dm.; lavender (Fr.) 15 pkg.; lemon (It.) 155 cs.; lime (B.W.I.) 10 cs.; orange (Fr.) 1 dm. (Jama.) 5 cs.; (It.) 4 cs.; peppermint (Jap.) 96 cs.; (U.S.) 1 cs.; pine (Ger.) 1 dm.; undescribed (Fr.) 22 cs.; (It.) 24 cs.; (Neth.) 3 cs.; (U.S.) 1 cs.

Pharmaceutical Chemicals, etc.

BUSINESS in pharmaceutical chemicals has been on the quiet side, but quoted prices continue to hold steady in most directions. Citric and tartaric acids are sagging, and the call for cream of tartar seems to be well below normal.

ASPIRIN continues in fair demand, with prices holding steady. Home trade: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 1 lb., 3s. 4d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8d.; and less than one cwt., 2s. 9d. per lb. f.o.b. Export prices to other destinations unchanged.

BARBITONE is steady and occasional business is moving: spot, 7s. 3d. to 7s. 9d. per lb. as to quantity.

BENZALDEHYDE is of small interest: spot, about 1s. 10d. per lb. for good quantities of f.f.c.

BENZOIC ACID (B.P.) continues in good call on a keen market: quantities, ex works, 1s. 9 $\frac{1}{2}$ d. to 1s. 10d. per lb.; spot lots, about 1s. 10d. per lb.

BROMIDES are unchanged; business is of small importance: ammonium, 1s. 8d. to 1s. 8d.; potassium, B.P. crystals, 1s. 4 $\frac{1}{2}$ d. to 1s. 5d.; sodium, B.P., 1s. 6 $\frac{1}{2}$ d. to 1s. 7d. per lb. as to quantity. Makers' and dealers' prices are level.

CHLORAL HYDRATE is steady, while business is limited: duty-paid crystals, 2s. 11 $\frac{1}{2}$ d. to 3s. 1 $\frac{1}{2}$ d. per lb. as to quantity; foreign, on spot, 3s. 3d. per lb.

CITRIC ACID (B.P. crystals).—The position is still favourable buyers and business seems to have again been unsatisfactory: spot, 1s. per lb. for foreign, less 5 per cent. for good quantities.

CREAM OF TARTAR is not showing an improved demand: foreign, on spot, is about 81s. per cwt., less 2 $\frac{1}{2}$ per cent., and possibly a shade less for good-sized business.

HEXAMINE is steady and a fairly good business is being done: bulk quantities are slightly under the quoted rates of 1s. 10d. to 1s. 11d. per lb.

HYDROQUINONE is receiving a fair inquiry, with quoted prices unchanged at 3s. 7 $\frac{1}{2}$ d. to 4s. 5d. per lb. as to quantity.

LACTIC ACID (B.P.).—There is no further change in the scale of prices quoted by the Convention; outside sources continue very keen competitors: one ton, 1s. 8d. up to 1s. 9d. per lb. for two-cwt. lots; one-cwt. carboys, 1d. per lb. more.

METHYL SALICYLATE (B.P.) is a good market, with quoted prices well maintained at 1s. 3d. to 1s. 5d. per lb. as to quantity.

METHYL SULPHONAL is unchanged on a slow market: dealers quote spot at 12s. 7d. to 13s. 10d. per lb. as to quantity.

PARAFORMALDEHYDE is moving off fairly well: bulk quantities at about 1s. 5 $\frac{1}{2}$ d. up to 1s. 6 $\frac{1}{2}$ d. per lb. for small parcels of 100 per cent. powder.

PHENACETIN is very steady and business is sustained: quoted from 3s. 8d. to 3s. 10 $\frac{1}{2}$ d. per lb. for crystals, with powder 1 $\frac{1}{2}$ d. per lb. more.

PHENAZONE is unchanged on a steady market: crystals, 6s. 11d. to 7s. 3 $\frac{1}{2}$ d. per lb. as to quantity, with powder 1 $\frac{1}{2}$ d. per lb. more.

PHENOLPHTHALEIN is holding at controlled rates, with outside sources competitive: ten cwt., 5s.; two cwt., 5s. 1d.; less than two cwt., 5s. 2 $\frac{1}{2}$ d. per lb., ex store.

RESORCIN remains quiet, but the market is about steady at 2s. 11d. to 3s. 2d. per lb. as to quantity.

SALICYLIC ACID (B.P.) is steady at home makers' prices of 1s. 5d. to 2s. per lb. as to quantity.

SALOL continues quiet, with controlled prices unchanged: quoted from 3s. 7 $\frac{1}{2}$ d. to 3s. 10 $\frac{1}{2}$ d. per lb. as to quantity.

SODIUM BENZOATE (B.P.) is in very fair demand, but the market is keen at about 1s. 6 $\frac{1}{2}$ d. to 1s. 7 $\frac{1}{2}$ d. per lb. as to quantity.

SODIUM SALICYLATE (B.P.).—The home market is steady; powder, two tons, 1s. 10d.; one ton, 1s. 10 $\frac{1}{2}$ d.; ten cwt., 1s. 11d.; five cwt., 1s. 11 $\frac{1}{2}$ d.; one cwt., 2s.; 28 lb., 2s. 2d.; 14 lb., 2s. 3d.; 7 lb., 2s. 4d.; 1 lb., 2s. 5d. per lb., with crystals 1d. per lb. more. Export prices to all destinations are unchanged.

SULPHONAL is slow of sale as quoted at 10s. 1d. to 11s. 2d. per lb. as to quantity.

TARTARIC ACID (B.P. crystals).—This market appears to be still lacking the usual seasonal activity: foreign, on spot, is about 11 $\frac{1}{2}$ d. per lb., less 5 per cent., while big business might be negotiated at a shade less.

THYMOL (synthetic fine white) is about steady as quoted at 6s. 3d. to 6s. 6d. per lb., ex store; ex ajowan seed, 7s. 3d. to 7s. 6d. per lb.

VANILLIN is holding at Convention rates: ex guaiacol, one ton, 13s. up to 15s. per lb. for small lots; ex clove oil, 14s. 6d. up to 16s. 6d. per lb. for small lots, carriage paid. The new prices are becoming established, and while a certain amount of stocks are in second-hands, it is really thought that these are not as large as originally anticipated.

Fixed Oils, etc.

THE recent slight improvement has not been maintained. Business has fallen off again and prices for some products are easier. ACID OILS are steady but quiet: coconut and/or palm kernel, 21s. 6d.; groundnut, 18s.; soya, 16s. 6d. per lb. spot. CASTOR is slow and unchanged: pharmaceutical, 41s.; first pressings, 37s.; second pressings, 34s. per cwt. spot, in barrel, in not less than one-ton lots. COCONUT.—With prices unchanged the market is now steady: deodorised, 34s. spot; Ceylon, 24s. c.i.f. COTTON.—Prices show a fall with the market quiet: deodorised, 30s.; common edible, 28s.; soapmaking, 26s. 3d.; crude, 24s. spot. GROUNDNUT.—Prices quoted are unchanged on a quiet market: deodorised, spot, 32s. 6d.; crude Oriental, 29s. 6d. c.i.f. PALM KERNEL is slightly easier on a slow market: deodorised, 31s. 6d.; crude, 26s. 6d. spot. PALM.—Some grades are slightly easier and the market has been quiet throughout: Lagos, 19s. 9d.; softs, 19s. 6d.; medium, 19s.; hards, 19s. 6d.; bleached, 22s. 6d. spot. RAPE.—Prices are holding on a dull market: refined, 34s. 6d.; crude, 33s. spot. SOYA is steady but slow: deodorised, 27s.; crude, 20s. 3d. spot. LINSEED (raw, naked).—Prices are easier forward, while the market has been quiet, closing steady: on spot, 18s. 6d.; April, 16s. 7 $\frac{1}{2}$ d.; May-August, 17s. 3d.; September-December, 18s. 1 $\frac{1}{2}$ d. Boiled oil on spot, 22s. 3d. TURPENTINE.—The market has had a bad week and prices are much cheaper for all positions. Total London stocks, 42,334 barrels. On spot, 40s.; April, 40s.; May-June, 40s. 6d. WOOD.—Hankow is now quoted on spot in barrels at about 35s. 6d.; market is slow of sale.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1931, p. 345.

(From "The Trade Marks Journal," March 11, 1931.)

- "NIFTICIDE"; for deodorisers (2). By Odourisers, 60 and 62 Bunhill Row, London, E.C.1. 520,114.
- "CASTOPHENNE"; for medicinal laxative preparations (3). By J. Tirath & Co., Bunder Road, Karachi, India. 520,026.
- "TITROSALA"; for medicinal chemicals (3). By Nordmark-Werke A.G. für Angewandte Chemie, Humboldt Strasse 54, Hamburg 21, Germany. 520,284.
- "BISCAM"; for medicinal chemicals (3). By Gabail, Ltd., 2 Calthorpe Street, London, W.C.1. 520,345.
- "DIETOLA"; for food substances (42). By Benger's Food, Ltd., Mary Street, Strangeways, Manchester. 517,611.
- "Cow & Gate" on crown worn by Pamela Powell with words "SMILER FED ON Cow & Gate"; for milk preparations (42). By Cow & Gate, Ltd., Stoke Road, Guildford, Surrey. 518,796. (Associated)
- "DUROMA"; for perfumery, etc. (48). By Dubuis & Rowsell, Ltd., 32 Elmwood Road, Croydon, Surrey. 520,100.
- "VANIPOUFFE"; for perfumery, etc. (48). By Morny Freres, Ltd., 6 New Burlington Street, London, W.1. 520,246.
- "OLOXO"; for hair preparations (48). By Marinello Co., Ltd., 160 Piccadilly, London, W.1. 516,213. (Associated.)
- "ANTICHROMOL"; for perfumery, etc. (48). By Va-Per-Marcel, Ltd., 93 to 97 Regent Street, London, W.1. 520,252.

(From "The Trade Marks Journal," March 18, 1931.)

- "ATRAM"; for goods (1). By I. G. Farbenindustrie A.G., Grünbergplatz, Frankfurt-on-the-Main, Germany. 519,393.
- "VALE'S REMEDIES"; for medicines for birds and domestic animals (2). By Ida C. Rumball, Tower House, Manor Road, South Norwood, London, S.E.25. B519,996.



Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

Pharmacy and Poisons Bill

SIR,—I enclose a cutting from a recent issue of the "Daily Mail." Surely our best thanks are due to the Pharmaceutical Society for their charming acquiescence to the terms of the Bill now before Parliament. The finer points, the benefit arising to the public, had perhaps escaped the notice of us lesser herd, who earn our livings (?) by the practice of pharmacy, but our Society—God bless it!—saw it all.—Yours satirically,
HAR-HAR (30/3).

[The cutting to which our correspondent refers is a letter from Sir William Arbuthnot Lane; the principal sentence reads: "It is hard enough as it is to get the public to take essential hygienic measures without making it difficult—as the old Act did—to buy the materials, and it is to be hoped that their lordships realise that the way to encourage the housewife is to have the effective disinfectants available—with the proper safeguards proposed in the Bill—in the ordinary shops where she does her daily shopping or where she has an account running."—EDITOR.]

A Call for Unity

SIR,—May I just briefly reply to Mr. Mallinson's letter in your issue of last week? The complaint is not that the R.P.U. had no policy, but that it had a very fine policy, and one that its entire membership would have vigorously supported; it even asked for what Mr. Mallinson now says we cannot expect to get—the sole privilege of selling poisons! It was a policy which they reaffirmed in their supplementary evidence before the Departmental Committee, and the complaint I would make against Mr. Mallinson's executive is that it entirely forsook this policy, presumably at the behest of the round table conference and under the influence of the Society. The matter of proprietor and non-proprietor is only of casual importance at the moment, but I would like to point out that if voluntary membership of the Society goes I fail to see what interest the R.P.U. or any other new organisation can have for the non-proprietor pharmacist. It is a complaint of Mr. Mallinson's that the time is not favourable to our cause. I submit that that is rather an excuse more than a reason; and the mantle of Hamlet, when he complains of his avowed task—"The time is out of joint, O cursed spite! That I was ever born to set it right. Nay, come, let's go together"—seems so easily to fall upon Mr. Mallinson. However, in view of the House of Lord's rejection of the Society's main amendments, he should get his desire in Hamlet's last line.

Yours truly,
F. E. S. CLARKE.

Newport, Mon.

SIR,—I cannot conceive a more amazing letter from a responsible official than that published on March 28 over the signature of Mr. G. A. Mallinson, the secretary of the R.P.U. He does not realise that about 3,000 qualified chemists belong to other bodies and that these persons would never contemplate joining his union, especially when they note the policy of the R.P.U. being carried out without consulting the wishes of its members, one of the first principles of a trade union. Voluntary membership of the Society has nothing to do with the matter; every chemist has trade interests, and if it is necessary to protect managers and assistants, I can only believe that proprietors have not

complained, because they intend to assert themselves elsewhere. Nobody knows what amendments the R.P.U. have made, and consequently nobody will know whether they are obtained. The Bill will be assisted by the R.P.U. until it is too late for its members to kill it. There is every reason for saying that *pharmacy* is pulling in two directions, officials in one and the rank and file in the other, the officials who support the Bill pulling in the wrong direction. Look at the N.H.I. contracts made by the R.P.U., and compare them with those made by the Scottish Pharmaceutical Federation, which will prove that in matters connected with the Government the R.P.U. is a broken reed.

Yours faithfully,

J. F. MCNEAL.

Little Chalfont, Amersham Common.

The Amersham Association

SIR,—Your correspondent "Lancashire" states that one of the objects of the Amersham Association is to oppose the Pharmacy and Poisons Bill. As that is not the only reason for its existence, perhaps "Lancashire" might feel disposed to answer the four questions which so far have been so carefully evaded by Messrs. Laws and McNeal. That would be more helpful than discussing grammar. Incidentally, before "Lancashire" gets the opportunity to correct my grammar, may I express my regret that I alluded to the "British Pharmaceutical Association" as the Amersham Association. I should have said "Is a sham Association."

Yours faithfully,

HUGO WOLFF.

Ealing, W.5.

Conditions in Pharmacy

SIR,—Mr. Mallinson does well, in his letter in your issue of March 21 (p. 350), to emphasise the futility—indeed, the stupidity—of belittling pharmacy as a calling, either ethically, commercially or socially. Why, in all conscience, do witnesses at an inquiry develop a fatal weakness to "foul the nest" by indulging in such small pessimism in mind and outlook? The merest reflection will indicate that such methods cannot further the interests of our calling; rather they tend to put upon an inclined plane of descent certain features which, if they are held by individualists, should be left to the inmost being and never divulged. Experience and age prove that pharmacy is not so decadent as some would tempt us to believe; and even if the Court of Bankruptcy may loom ahead, there is no need whatever to anticipate its nearness—rather may each of us always be a fighter, and always prepare for "one fight more" in maintaining the integrity of pharmacy. No vocation, whatever it may be, can isolate itself from economic conditions, social changes and industrial requirements. There are many who remember the thirteen- and fourteen-hour days, with very spare allowances for meals and no consideration for the necessary social relaxation; there may be a few instances of these conditions remaining to-day, but an invisible force does not tolerate for long such a travesty upon work and service. The critic is useful when and where the criticism is constructive and uplifting; but a prayer may be offered to be saved from those who are always desirous of going down into the depths.—Yours faithfully,

FRANK ENGLISH (23/3).

Salesmanship To-day

SIR,—"Roundsman" (C. & D., March 21, p. 332) tells of a street market hawker who sold Glauber's salt and cascara tablets in addition to marmalade and floor polish, cajoling the money from the pockets of the listening crowd by his humorous remarks. We may condemn this kind of thing, but when we come to look at the principle of the matter are we very much better? True, we do not stand on a box in the market-place, nor patter in a joking manner; but we give away picture books, balloons and toys, we fill our windows with work-

ing models and showcards with catchy slogans. The only difference is a matter of degree. When I first entered pharmacy, the establishment was considered very up to date because it made a window display, that is to say, it had some wooden stands in the window on which were placed in perfectly straight rows cartons with empty bottles in them, labelled with stock labels. There is a big step from this kind of thing to even the smallest window display of to-day. Accompanying this growth of the sale of luxury goods has come the taste of the public for a fancy appearance and title; goods with a plain pack do not sell because people are like children. From this characteristic of the public also arises in part the multiplicity of shops which is becoming such a serious factor in trading to-day; instead of establishing a business to meet the proper needs of a locality, each proprietor thinks that by elaborate fixtures, smart window shows and "stunt" advertising he can divert sufficient of the trade from the existing pharmacies to make his venture a paying one. Some of these new shops change hands every few months, to the loss of each successive tenant and indirectly to the older-established businesses. What it amounts to is that besides his training and experience as a chemist, the proprietor of to-day has to be something of a huckster as well. A customer asks for a well-known shaving cream; it is wrapped up, with "One and sixpence, please." "Ridiculous, I can get it at So-and-so's for one and four with a safety razor given." Another instance is the presentation of a bottle with a cheaply printed label "Blank's Hardware and Oil Store, Medicinal Liquid Paraffin" with a request for twopennyworth.

Faithfully yours,
RAZORITE (30/3).

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

Appreciation

I never turn up the Commercial Compendium with any qualm of fear that my query will not be answered. I hope it may be possible to publish the series in book form, for so much really valuable information and instruction is contained in these pages, and in terse English. Readers abroad, I know, cherish a real appreciation of such virile and useful information.—Subscriber (31/3).

St. John's Ointment

We have an inquiry for St. John's Ointment; what is usually sold under this name?—T. E. (31/3).

Myrrh and Borax

The dispensing difficulty in respect to the prescription:—Glyc. boracis 5*j.* tr. myrrhae 5*iv.* aq. ad 3*vlij.* on page 352 of your issue of March 21, as you say, presents no difficulty; but it is essential that the glycerin of borax should not be made from ordinary powdered borax, but from the pure crystal recently powdered. This is an important factor. The tincture of myrrh should be prepared from selected myrrh. The initial use of the finest grade of crude drugs and chemicals is an important matter in this and similar instances.—Antiquus (24/3).

Some of Our Own Back

It is certainly good to hear that the drug fund for 1930 has proved adequate to provide a surplus; this is said to be equivalent to nearly one penny on the dispensing fee. Without wishing to appear to grumble at a satisfactory year's working, it is as well not to lose sight of the fact that taking the service as a whole we are still on the wrong side of the ledger. Any overplus now or in the future is certainly in the nature of recovering some of our own money; looking at it in this light, we still have more to come.—Disconta (23/3).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

J. A. B. (7/38).—SUNBURN REMEDIES.—Many skins need protection against actual burning, and a vanishing cream specially constructed is necessary. Quinine alkaloid is the best protective, and a suitable cream is made as follows:

Acid. stearie.	...	...	...	10 <i>oz.</i>
Sodi carb.	...	...	...	1 <i>oz.</i>
Paraff. liq.	...	...	...	1 <i>oz.</i>
Quinin. (alkaloid)	...	...	...	2 <i>oz.</i>
Alcohol	...	...	...	10 <i>oz.</i>
Perfume	...	...	...	q.s.
Aq. dest.	...	...	ad	100 <i>oz.</i>

When the burns have actually taken place and the skin is inflamed the following cream is typical of many others and has proved satisfactory:

Paraff. liq.	...	...	...	5 <i>j.</i>
Ol. arachis	...	...	...	5 <i>fl. oz.</i>
Adip. lanue hydros.	...	...	...	5 <i>ss.</i>
Liq. calcis	...	...	...	5 <i>fl. oz.</i>
Borac. pulv.	...	...	...	5 <i>ss.</i>
Tr. benzoin. simp.	...	...	...	5 <i>j.</i>

Bleaching lotions are generally prepared with hydrogen peroxide, as follows:

Hydrogen peroxide 10 vol.	...	2 <i>oz.</i>
Tincture of benzoin	...	1 <i>fl. dr.</i>
Perfume	...	a sufficiency
Rose water	...	to 1 <i>pint</i>

Legal Queries

N. M. S. (18/3).—The accepted term of notice in pharmacy for qualified as well as unqualified assistants is one month, irrespective of how the salary is paid, whether weekly or otherwise, and this custom has been upheld by the Courts. Of course, it only applies where no special agreement stipulating other conditions may have been made on engagement.

W. J. H. (23/3).—Only Indian hemp and the resins obtained from Indian hemp, official extracts and tinctures of Indian hemp when supplied *per se* come within the provisions of the Dangerous Drugs Acts. On the other hand, preparations in which extract or tincture of Indian hemp is present in addition to other therapeutic agents (e.g., in corn paints, mixtures, etc.) are exempted and do not require to be entered in the Dangerous Drugs Register. The position regarding Indian hemp was explained in an editorial note in THE CHEMIST AND DRUGGIST, January 5, 1929, p. 18.

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," April 15, 1881

Society of Chemical Industry Formed

Our report of the inaugural meeting of the Society of Chemical Industry will sufficiently prove that a real want of another association is experienced in influential quarters, and that the new society can easily enough find work to do which is not at present done by either of the other organisations. Practical working chemistry is yearly becoming a more important industry, both as a commerce and as an aid to human progress. With other countries competing keenly in every corner of this field, English manufacturers cannot afford to neglect the advantages which mutual discussion can afford. Scientific chemists are eagerly pushing their inquiries, and no doubt for the moment they are in advance of the manufacturers.



[Commenced C. & D., July 5, 1924]

Tisanes form the basis of continental domestic medicine, and are usually made fresh when required. While the majority are prepared by simple infusion, a certain number require special treatment, e.g., gentian, quassia and rhubarb, which the French Codex orders to be prepared by maceration for five hours. Sugar or simple syrup is usually added, and in special cases honey or liquorice may be used to sweeten. The common tisanes include those made from lime flowers, senna, manna, peppermint, chamomile and linseed.

Titanium, Ti=47.90, is a metallic element of the carbon group with atomic number 22, and it forms a dark grey, amorphous mass, s.g. 4.9, m.p. 1,800° C., insoluble in water, and soluble in warm hydrochloric acid. It is used in the form of ferro-titanium as cleaning and de-oxidising agent for molten steel. It alloys with copper. *Titanium white* is a combination of 26.5 per cent. titanium oxide and 73.5 per cent. barium sulphate, used as a pigment. It is non-poisonous, chemically inert, and does not darken on exposure. T.P.O. (titanium potassium oxalate) is used in leather dyeing and staining.

Titles Reserved under the Pharmacy Acts.—Reservation under the Act of 1852 is made for "pharmaceutical chemist" ("pharmacien") to registered pharmaceutical chemists. The Act of 1868 provides for "chemist and druggist," "chemist," "druggist," "dispensing chemist," "dispensing druggist" in reservation to registered pharmaceutical chemists, chemists and druggists, corporate bodies (or in Scotland firms or partnerships) lawfully carrying on the business of a chemist and druggist. The 1908 Act reserves the title "pharmacist" to a registered pharmaceutical chemist or chemist and druggist. The title "member of the Pharmaceutical Society" (M.P.S.) is similarly reserved to *bona-fide* members of that society under the Pharmacy Act, 1852.

Tobacco Dealer's Licence.—A licence must be taken out by everyone who deals in or sells tobacco or snuff, but a licensed manufacturer of tobacco does not require a dealer's licence for selling at his entered premises tobacco manufactured by himself, and the licence granted to a passenger vessel to sell intoxicating liquor to passengers includes authority to sell tobacco to them also. The licence may be granted for a shop, when it covers also an automatic machine erected outside the shop and under the control of the licensee of the shop; or it may be granted in respect of an automatic machine situated away from the shop; and provision is also made for the grant of licences for railway carriages, trams, omnibuses, charabancs and stage coaches. The annual licence duty is 5s. 3d., but in the case of a licence for a shop or an automatic machine a part-year licence for the unexpired quarter or quarters of a year may be obtained at a proportion of the whole. The licence expires on July 5 annually, except where it is granted for the premises of a retailer of spirits, wine, beer or sweets, when it expires on the same date as the retailer's licence. The licence may be obtained from the local collector of Customs and Excise, and, in the case of London licences, from the Accountant General, Custom House, also. The holder of a licence is required to exhibit over the licensed premises a sign stating that he is licensed to sell tobacco. The provisions as to adulteration of tobacco apply to dealers. Thus a dealer may not sell or have in his possession for sale tobacco containing more than 32 per cent. of moisture or more than 4 per cent. of oil; and he also incurs a penalty if he sells or keeps for sale

snuff containing more than 13 per cent. of lime, magnesia or both, or snuff containing more than 26 per cent. of carbonates, chlorides and sulphates of potassium or sodium, or carbonate of ammonium. The hawking of tobacco by anyone is an offence punishable by a fine of £100 and forfeiture of the goods.

Tobacco in Poison Schedule.—Tobacco is placed specially in Part I of the Poisons Schedule on account of the poisonous alkaloid nicotine. To provide for ordinary usage it required special phrasing in order to make its inclusion clear. It is as follows:—

Tobacco: Any preparations or admixtures containing the poisonous alkaloids of tobacco other than

(a) Tobacco prepared for smoking and snuff; and
(b) Preparations or admixtures of tobacco for use exclusively in agriculture or horticulture for the destruction of insects, fungi and bacteria if the preparations are:—

(1) Contained in a closed package or vessel distinctly labelled with a notice of the special purpose for which the preparation is intended; and

(2) Sold upon an order in writing given by or on behalf of a person, firm or body corporate known to the vendor; and

(3) Purchased for the purpose of the trade or profession of such person, firm or body corporate.

Toddalia.—*Toddalia aculeata*, Peis. (*T. asiatica*, Linn.), is a prickly, scandent shrub of the orange tribe, found in the southern part of the Indian Peninsula, Ceylon, Indian Archipelago and China. It is called in Sanskrit, Kanchana or golden, on account of the orange colour of the fruit. Milakaranai (Tam.), Kaka-toddali (Malabar), Espinho do ladrao (Port.), Patte de poule, Bois de ronce (Fr.). The root and fruits are used in rheumatism, and the bark is a bitter tonic and stomachic. It is given for hill fever on the Telupi Coast. As Lopez root, toddalia was once celebrated in Europe. Redi, an Italian physician, described it in 1671, and it was introduced into European medicine by Gauvius in 1771 as a remedy for diarrhoea. It was admitted to the Edinburgh Pharmacopœia in the 1792 edition. Though used occasionally in India, it is no longer exported from Goa, or sold in the shops on the Continent. No berberine was found in the bark by Hanbury and Flückiger, but Brill and Wells detected it in the drug obtained in the Philippine Islands ("Phil. Journ. Sci.", 1917, 167). The oil of the fresh leaves has a specific gravity of 0.9059 at 30°, and has the odour of camphor and lemon grass. On cooling, an unstable, crystalline, camphoraceous substance separated, purified by crystallisation from petroleum ether it melted at 96.5°-97°. Linalool was the chief constituent of the oil.—(Brooks, "Phil. Journ. Sci.", 1911, 344.)

Tola.—A native weight used in India, the Zanzibar Protectorate and elsewhere for gold and silver, equal to the weight of one rupee (180 gr.); forty tolas equal approximately one lb. avoir.

Tolu Balsam.—This balsam is obtained from a leguminous tree, *Myroxylon toluifera*, H.B.K., a native of Colombia, and plentiful in the forests of the Magdalena River. The name tolu is derived from a small town near Cartagena. The balsam is obtained by cutting V-shaped notches in the bark and fixing below a gourd into which it flows. The gourds are emptied into skin bags and conveyed to the coast. Here the balsam is transferred to cylindrical tin cases, containing 10 to 25 lb. each, and these cases are shipped from Savanna and Cartagena. The drug was first mentioned by Nicolas Monardes, who was born in Seville in 1578, and wrote on the natural products of the newly discovered Spanish continents in America. Tolu balsam is a soft, tenacious, yellowish-brown resinous mass, not soft enough to flow, but taking the form of the vessel in which it is placed. It has an agreeable but not powerful fragrance and sticks to the teeth when chewed. It is soluble in alcohol and chloroform and yields cinnamic acid to bisulphide of carbon. On distillation it yields an oily liquid containing benzyl cinnamate, with a little benzyl benzoate and a trace of vanillin. The most valuable constituents of the balsam are the balsamic acids, of which

The C.&D. Commercial Compendium

the pharmacopeia directs that no less than 25 per cent. should be present. Cocking and Kettle (1918) found in commercial samples as much as 30 to 40 per cent. of total acids, the average yield of acids being benzoic acid 8 per cent. in a free state and 7 per cent. combined, cinnamic acid 12 per cent. in a free state and 8 per cent. combined. The acid value of the balsam ranges from 92 to 132, and the saponification value from 154 to 208. Higher figures than these would indicate adulteration with resin. In 1926 C. T. Bennett (*C. & D.*, 1926, 105, 841) pointed out that balsam of the market was falling off in composition. In 1923 and 1924 samples yielded as much as 20.1 to 26.4 per cent. of balsamic acids; in 1925 these values were 25.5 to 17.8; in 1926 they fell to 15 per cent., one sample containing only 8.2 per cent. The bulk of the tolu balsam is a tölresino-tannol, yielded by saponification, and is probably a coniferyl alcohol. The resin left after the manufacture of syrup of tolu may serve a useful purpose in covering corks in bottles to render them air-tight. Mr. G. H. Needham, in 1924, drew attention to the value of tolu balsam resin for micro-mounting media. The high refractive index renders it valuable for mounting objects, and is specially useful for exhibiting the marking of diatoms. In pharmacy tolu balsam is a pleasant ingredient in cough mixtures and lozenges.

Toluene, $C_7H_8=92.1$, methyl benzene, phenylmethane, is a colourless liquid, s.g., 0.871 at 13° C., b.p. 111° C., insoluble in water, alcohol or ether. It is obtained from coal tar, and is used as a solvent in organic syntheses, and in the manufacture of benzoic acid derivatives, and in the preparation of T.N.T.

Toluol.—See Toluene.

Ton.—A denomination of weight used in the United Kingdom and the United States, and equivalent to twenty cwt. or 2,240 lb. avoirdupois in the former country. In the United States it is equivalent to 2,000 lb. (short or metric ton).

Tonic.—"A medicine or treatment used to strengthen the tone of the body generally, or part of it." This definition is taken from the Sydenham Lexicon, which defines "tone" as "the normal activity, strength and excitability of the various organs and functions as observed in a state of health." The word "tonic" is an anglicised form of *τόνικός*, the adjective of *τόνος*, a cord or other stretched material, and thus conveys the idea of something functioning in a state of tension. The etymology is borne out by the earliest quotation (an indirect one) in the O.E.D., taken from Blanckard's Physical Dictionary (1693): "*tonica*, those things which being . . . rubb'd into the Limbs, strengthen the Nerves and Tendons." The word was used in the modern sense by C. Lucas, in 1756, as an adjective; as a substantive it has not been traced further back than 1799. "Tonic," *per se*, does not render a medicine to which it is applied liable to medicine-stamp duty. (See "Pharmaceutical Formulas," 10th ed., p. 998.)

Toning Baths.—These are solutions for changing the tone or colour of a photographic print by various chemical reactions. In the case of printing-out papers, gold is generally used; while for development papers a metallic salt, such as a ferrocyanide, is usually employed.

Tonka Beans, Tonquin beans, Semina Tonco, Fève tonka (Fr.), are the product of species of *Dipteryx* (Leguminosæ), large trees found in the forests of the Canca and Orinoco Rivers in Venezuela and Colombia. In Venezuela the tree is called "Sanapia," and the collectors "Sanapieros." *D. odorata*, Willd., of Guiana, yields the Dutch beans, and *D. oppositifolia*, Willd., a tree indigenous to Brazil, is the source of the English tonka beans. These trees have an indehiscent, drupaceous fruit, about the size of an egg; the fibrous pericarp contains a single seed, of the size of an almond, 1*1/2* in. long, dark or nearly black, with a coarsely wrinkled surface, containing two flat oily cotyledons. The seeds have a powerful and agreeably fragrant odour, and an aromatic pungent

and bitter taste. The fragrance is due to the presence of a white crystalline substance called coumarin. The commercial beans are exported to Trinidad, and there cured by mixing them with rum for a few days and then spreading them out to dry, when they assume a frosted appearance, due to the crystallisation of coumarin on the surface. The beans are shipped in large quantities from the Port of Spain and Angostura to the United States and other countries. In 1919 the exports from the former port amounted to 171,500 lb. Coumarin, $C_9H_8O_2$, the active constituent of tonka beans, occurs to the extent of 1.5 to 3 per cent. It is in rhombic crystals, melting at 67° C., and boiling at 290°. It is soluble in alkalis and boiling water. It is present in the bean as a glucoside, and is separated by boiling in alcohol, evaporating the solution and mixing it with water, filtering and drying the crystals. Coumarin is found in other plants besides tonka beans, as melilot (*Melilotus officinalis*) and Woodruff (*Asperula odorata*). It is a normal constituent of lavender oil. Tonka beans and coumarin are principally used in perfumery. The beans are suitable for scenting snuff and tobacco, and as an ingredient in sachet powders. Coumarin is used to adulterate tincture and extract of vanilla. Tonquin butter, a mixture of coumarin and the natural fat of the bean, melting at 28°, is an article of commerce in Holland. The exports of tonka beans to the United States show a large variation from year to year, and apparently depend a good deal on the prices, which fluctuate considerably. It is understood to be the policy of the American tobacco manufacturers (who use the beans for perfuming smoking tobacco) to accumulate large stocks when prices are favourable, and perhaps not buy at all when prices seem too high. The market in Europe (principally France and Germany) is limited. Imports (lb.) into the U.S.A. in recent years were as follows:—1929, 162,400; 1928, 341,800; 1927, 291,500; 1926, 312,000; 1925, 256,000; 1913, 784,000.

Tooth-brushes.—Part VI of the Merchandise Marks (Imported Goods) No. 2 Order, 1928 (S. R. & O., 1928, No. 570), states:—It shall not be lawful to sell or expose for sale in the United Kingdom any imported tooth-brush or shaving brush unless it bears an indication of origin. The indication of origin shall be impressed on each tooth-brush or shaving brush and (except in the case of metal-handled brushes) in a contrasting colour, and any carton or other container in which the tooth-brush or shaving brush is sold or exposed for sale shall also bear the indication of origin. Goods to which this Part of this Order applies shall bear the indication of origin therein provided on exposure for sale wholesale, only if the person so exposing the goods is not a wholesale dealer. Nothing in this Order shall require any tooth-brush or shaving brush to bear an indication of origin at the time of importation.

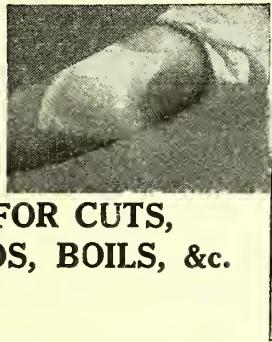
Tooth-brushes, Display.—The makers of tooth-brushes generally supply recessed showcases or small wood showcases which enable the chemist to show them to advantage on his counter or in the window. Celluloid tubes or boxes are also available as packing for tooth-brushes, and the hygienic value of these might be used as a selling point by placing a few among a general display of tooth-brushes. Tooth-brushes should logically form a component feature of a window or counter display of a proprietary tooth paste. In this way one commodity can be made to help the sales of another. Small display stands are obtainable with grips for supporting tooth-brushes in fan and other formations, and these are useful for the odd tooth-brushes left on cards containing say six or ten, for after most of the brushes have been sold, the cards are usually soiled and unfit for refilling. Shelf clips are also obtainable for the display of single tooth-brushes as incidental items in a showcase or window.

Toria (tori).—The Indian name for one of the chief qualities of rape seed (*Brassica campestris*).

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ST. JOHN'S HOUSE,
124/7 Minories ————— E.C.3

SOUTH AFRICA
with the Rhodesias
constitutes a vast country

The white population steadily increases, and its buying capacity is relatively high. The actual and potential trade possibilities are worthy of every consideration. The dominating house in the Drug Trade is

LENNON LIMITED

whose sales organisation, with branches (Wholesale and Retail) in all important centres, intensively works the whole territory.

Head Office - - CAPE TOWN
Laboratories - PORT ELIZABETH

LONDON OFFICE :
12-14 LAFONE ST., LONDON, S.E.1

*Agencies, Manufacturing and/or Distributing,
undertaken*

METHYLATED SPIRITS

The Methylating Co., Ltd.

Regd. Offices : Kinnaird House,
Pall Mall East, London, S.W.1.

Telegrams: "Methcolim, Phone, London." *Telephone:* Regent 5764-5.

Please ask for our Price List and pamphlet on Methylated Spirits Regulations, etc.; also for our new Booklet "THE NEW WAY TO REMOVE CARBON," which describes a new and simple method of decarbonising Motor Car Engines by the use of Methylated Spirits.

Distributing Depots :

London Liverpool Manchester Bristol Glasgow Leith Hull

SUPERIOR

Sulphur Tablets

Orange
or Lime

In the Spring, Sulphur Tablets sell themselves. The demand has already set in! Our Sulphur Tablets not only meet this demand, but invite repeats.

Your customers will like their smoothness and palatability. They are compounded of the finest ingredients, and we specially recommend the orange and lime flavours as a welcome change, and a strong selling point.

Cartons (2 ozs.), printed with your own name and address, supplied free with all orders, also Showcards and Window Bills.

Send your order for this year's supply to

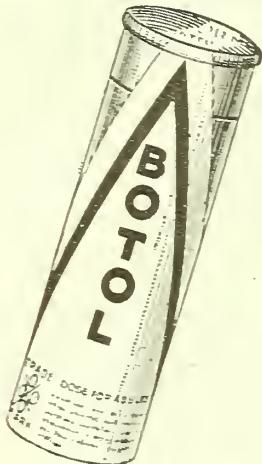
Menley & James, Ltd.
64 HATTON GARDEN, LONDON.

PRICES per lb.

(Packed in 2-oz.
Cartons)

7-lbs.	1,2
14-lbs.	1,1
28-lbs.	1/-
56-lbs.	11d.
112-lbs.	10d.

BOTOL



REG. TRADE MARK.

A LARYNGEAL NARCOTIC

Prepared by a new process which
enables SOLID BROMOFORM
to be combined with CODEINE

IN TUBES OF TWENTY TABLETS

2/9 per tube

FROM YOUR USUAL WHOLESALER OR

CONTINENTAL LABORATORIES LTD.
30, Marsham Street, LONDON, S.W.1

Victoria 2041

Retail Prices
Liquid Yadil or Yadillets
(Yadil Tablets), 13s., 3s.,
4s., 12s., 22s.
OINTMENT 13s. per tin.
FASTILLES, 1s. per tin.
SOAP 1s. per tablet.

YADIL

THE CERTIFIED SAFE
ANTISEPTIC

The Antiseptic which
is Certified by Public
Analysts and Pathol-
ogists as safe for
Internal and External
use.

YADIL PRODUCTS (1925), Ltd., 59, Sicilian House, Sicilian Ave., London, W.C.1

Super Paris White (AIR-FLOATED)
97% CARBONATE OF LIME
FINENESS: 300 MESH WITHOUT RESIDUE
6/- per cwt. packages free. 5 cwts. & upwards C.P.
Storry, Witty & Co. Ltd., Hull.

"SPEDROL" 5/- retail

For Asthma, Bronchitis, Hay Fever,
Whooping Cough, etc.

FREDK. CARTER, Ltd., 32 LIME ST., E.C.3



ANNOUNCING **'NEOBOVININE 20'**
brand compound of
Liver Extract and Beef Haemoglobin

'NEOBOVININE 20,' the latest scientific treatment for all types of anaemia and blood impoverishment, is now being ethically introduced to the medical profession by the well-trained staff of 'Petrolagar' Laboratory Company's Representatives.

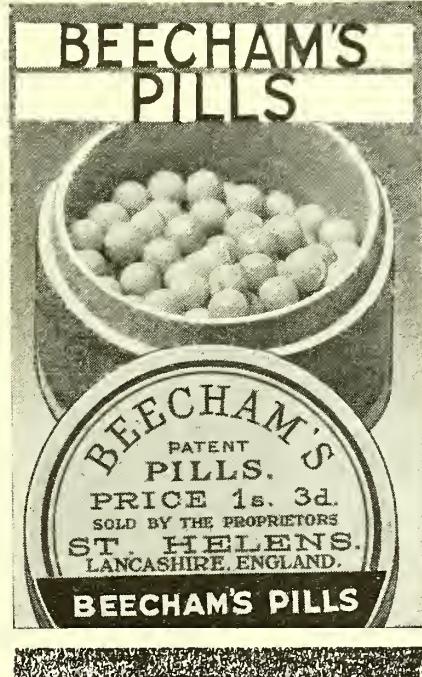
'NEOBOVININE 20' retails at 5s. 6d. per 6 ounce and 10s. per twelve ounce bottle. Doctors are prescribing it, therefore all chemists should stock it. Order from any Wholesaler.

PETROLAGAR LABORATORIES LIMITED, Braydon Road, LONDON, N.16

TWO LEADERS

— BEECHAM'S PILLS —

DR. CASSELL'S TABLETS



Backed up by consistent and forceful advertising which has created an enormous buying force in the Drug Trade, BEECHAM'S PILLS and DR. CASSELL'S TABLETS are two leading lines the selling power of which has long been recognised. The chemist will do well always to have a good stock on hand. Both are quick sellers — both are easy to handle and both give fair profits.



Other Beecham-Veno lines also in great demand are GERMOLENE, The Aseptic Skin Dressing, GERMOLENE (Medicated) TOILET SOAP & BEECHAM'S POWDERS.

Send a combined order and ask for show material next time you order through your wholesaler or direct from

THE
**BEECHAM-VENO CENTRAL
DISTRIBUTING DEPOT**
Chester Road - MANCHESTER

Tel. No.: 1961 Trafford Park.

Robert Ferber Ltd. Capsule Makers

Tonic Capsules

No. 301a. Packed in decorated tins. 7/- per doz. tins.
Containing Haemoglobin, Citrate of Iron and Ammonia,
Cascara, Nux Vomica and Arsenic.

Kidney & Bladder Capsules

Ol. Copiba, Ol. Santal, Meth. Salicylate, Hexamethylene.
Dose—1 or 2, three times a day.
Wrapped in blue wrapper, priced 2/3, or red wrapper,
priced 3/6.
15/- per doz. tins

Chilblain Capsules

Calcium Lactate 5 grains.
In boxes of 24. 7/3 per doz.

Headache Capsules

Phenacetin 4 grains. Caffein Cit. 1 grain.
In boxes of 24. 8/- per doz.

Influenza Capsules

Guaiacol 1 min. Quinine Sulph. 1 gr.
Cinnamon Oil E.P. ½ min.
In boxes of 18. 9/- per doz.

Sea Sickness Capsules

Chlorctone 5 grs.
In boxes of 12. 8/6 per doz.

Amyl Nitrite Capsules

Amyl Nitrite 3 min. or 5 min.
In boxes of 12. 12/6 per doz.

Ferber Capsule No. 146

Containing Bland's equal to 2 pills. Arsenical Solution
2 minimis. Strychnine 1/50th grain.
Packed 100 in decorated tin. 21/- per doz. tins
On P.A.T.A. Minimum Retail 3/6 per tin.

Ferber Capsule No. 600

Containing Bland's equal to 2 pills. Arsenical Solution
2 minimis. Ext. Nucis Vom. ¼ grain.
Phenolphthalein ½ grain.
Packed 100 in decorated tins. 31/- per doz. tins
On P.A.T.A. Minimum Retail 5/- per tin.

Special Capsules for Ladies

No. 109. Packed in decorated tins, in attractive
show outers
Apol, Aloes and Iron. 9/- per doz. tins

Glandular Capsules

Cerebrin, Myelin, Orchitic and Prostate Substances.
In tins, each 24 Capsules. 24/- per doz.

Carlton Works, Asylum Road
LONDON, S.E.15

WINTER COLDS —the throat and bronchi

**3 new products
that should interest you**

GOMENOL SYRUP . . .

GOMENOL CAPSULES

GOMENOL PASTILLES

Gomenol—a powerful antiseptic well known
on the Continent—is now being regularly
advertised to the Medical Profession in this
country. Liberal discounts. Order through
your wholesaler or write direct to Sole
Distributing Agents, Messrs. Coates & Cooper,
41 Great Tower Street, E.C.3.



*—the ideal
antiseptic*

Gomenol Laboratories, Prevost, 48 Rue des petites Ecuries, Paris, 10me.

"*Multum in Parvo.*"

"VAPOFORM" Disinfectant

Regd.

For disinfection of
Rooms,
Confined Spaces, &c.

for HOME
and HOSPITAL

Has no injurious effects
whatever on Furniture,
Utensils, &c.

Small size, capable of disinfecting
1000 to 2000 cubic ft., 8/6 per doz.

Large size, capable of disinfecting
3000 to 6000 cubic ft., 13/- per doz.

Sole Proprietors—

HARKNESS, BEAUMONT & CO., LTD.

Wholesale Chemists, EDINBURGH.

It will pay you to stock them!

When the public demand goods bearing a specified name the wide-awake
retailer prepares to meet that demand and so reap the benefits
which follow.

IGLODINE has become a household word, and the public, through
satisfaction which comes after trial, are demanding IGLODINE
PREPARATIONS. Are you the retailer who is preparing to meet
the demand?

Iglodine-

The Safe and Sure Antiseptic

Write to-day for full particulars to:
THE IGLODINE CO., LTD. ~ Newcastle-on-Tyne.

BUY 'ASPRO' ON BONUS TERMS AND OBTAIN 17% MORE PROFIT

Just have a look through your purchases of 'Aspro' and you will find that you are in a position to buy on Bonus terms. By doing so you can make an additional profit averaging 17%. So why not place your next order through your wholesaler on Bonus terms? The only conditions made are that the Chemist who buys on these terms undertakes to show 'ASPRO' Advertising matter in his shop window for 14 days, and sell at advertised prices. Acceptance of Bonus is considered acceptance of these conditions. As 'ASPRO' is so extensively advertised the display will bring customers to the chemist's counter just as though his own name was at the foot of the advertisements. Many of these customers will make other purchases as well.

WHAT THE BONUS IS

BONUS ON 10's (unstamped)

One gross order—Bonus, 1 dozen packets.
Half gross order—Bonus, $\frac{1}{2}$ dozen packets.
Half gross 10's is minimum order accepted for
Bonus purposes.

For Bonuses it is not necessary to buy both sizes at the same time, i.e. single lots of 6 dozen 10's or 3 dozen 27's will qualify the Chemist.

BONUS ON 27's (unstamped)

One gross order—Bonus, 2 dozen packets.
Half gross order—Bonus, 1 dozen packets.
Quarter gross order—Bonus, $\frac{1}{2}$ dozen packets.
Quarter gross is minimum quantity.

No Bonus on 5's or 60's.

WINDOW STICKER SERVICE



Write us to-day. We will send this attractive display post free by return mail.

Similarly attractive display features are issued at frequent intervals.

BIG ADVERTISING PUSH FOR THE SPRING

The Spring will be a time of prodigious advertising activity for 'ASPRO.' Seaside towns and Holiday centres will receive special attention with newsboard displays and other sales promoting publicity. Extensive advertising in the national and local press will carry the 'ASPRO' message into every town and village, emphasising the value of 'ASPRO' for the common Spring ailments, holiday and sun-glare headaches, irritability, chills, etc. Make sure of your share of the sales which will be produced by prominently featuring 'ASPRO' display material.

Ordinary PRICES for UNSTAMPED 'ASPRO' are as follows :

3d. size, containing 5 tablets, 2/3 dozen.	Less 2½% 30 days.
6d. size, containing 10 tablets, 4/6 dozen.	NOTE.—The 1/3 size contains 1/3 size, containing 27 tablets, 11/6 dozen.
2/6 size, containing 60 tablets, 21/- dozen.	Two extra tablets. 2/6 size contains Ten extra tablets.

'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

AGENTS : GOLLIN & CO., PTY., Ltd. ('Aspro' Dept.), SLOUGH, Bucks. 'Phone: Slough 608.
Made by ASPRO Ltd., Slough, England.

No proprietary right is claimed in the method of manufacture or the formula.

A sticker on your window will bring a steady stream of customers to your counter. The above illustrations represent only a few of the many striking stickers available for chemists' use.



ROBUVAL

*Elixir Strontii
Bromid. et Valerian
Deodorat.*

AN EXTREMELY PALATABLE
CALMATIVE & NERVE SEDATIVE

8 OZ.
BOTTLES 3/6

Prepared and
extensively advertised by

ROBERTS & CO.

Pharmacists,

76, NEW BOND ST.,
LONDON, W.1,

and at PARIS.



ONE OF THE BEST LINES THE
PHARMACIST CAN HANDLE.

Vapo-Resolene

Est. 1879

The vapourised antiseptic remedy
for all bronchial troubles.

Well advertised,

nearly 50 years proved success,
an everyday seller, and

BIG PROFITS.

These are some of the reasons why
IT PAYS TO STOCK AND SELL

Vapo-Resolene

Allen & Hanburys, Ltd., Lombard St., London, E.C.3

STANFORM

Regd. BRAND Trade Mark

SUCCEEDS

D We are pleased to announce to the Trade the spontaneous success of Stanform Brand Preparations. From every quarter we have received remarkable testimony as to the healing and soothing properties in cases of all skin ailments and wounds.

D DOCTORS, CHEMISTS, NURSES, and PUBLIC alike are agreed that it succeeds when all else fails.

D The result is that Sales have increased and increased—the demand is growing each week.

D There is a big Stanform business for every Chemist.

Stanform Ointment, Lotion and Dusting Powder are obtainable from all wholesalers. P.A.T.A. terms. May we send you our latest showcards and literature? **STANFORM IS EXTENSIVELY ADVERTISED IN THE NATIONAL PRESS**

Is yours a Stanform Shop?
STANFORM LTD., CARNWATH RD., LONDON, S.W.6.

CHEMISTS SHOULD ALWAYS HAVE IN STOCK

**TOWLE'S
PENNYROYAL & STEEL PILLS**

Advertised all over the world.

ESTABLISHED 100 YEARS.

Sole Proprietors:

**E. T. TOWLE & CO., LTD.
TOLL ST., NOTTINGHAM**



..... "Fine 'Tosse' Products"

**NITROSCLERAN
BISMOGENOL
EK ZEBROL**

EXTENSIVELY ADVERTISED TO THE MEDICAL PROFESSION

*Importers: BOXALL SMITH & CO.
163a Strand, London, W.C.2*

**BLONDES *and*
BRUNETTES
PREFER**

Snowfire CREAM

Of all the popular priced face creams, Snowfire Cream is a real "Best Seller." Women prefer this fragrant cream; retailers like to handle it because of the satisfactory profits it shows. Once sales are started they develop automatically, for the merit of the product ensures repeat orders and recommendations. Stock and display

SNOWFIRE CREAM

Manufactured by
F. W. Hampshire & Co.
(1927), Ltd.
Sunnydale Works, Derby.



"Print More Sell More"

To no other field of activity does this Printer's Slogan apply with greater force than to Chemists' Printing



CARTONS : LABELS : ENVELOPES



Broughton Market, EDINBURGH

INDIGESTION THE MOST COMMON OF ALL HUMAN COMPLAINTS

How many people appeal to you to give them "something for Indigestion?"

When, in reply to this question, you advise customers to take **CICFA**, you can feel confident that you are prescribing a reliable remedy, which has stood the test of time—it has been on the market for over a generation. This in itself proves its value.

CICFA is being widely advertised throughout the national press. New customers will come to you as a result of this campaign. Be prepared to meet the demand with adequate stocks.

CICFA TRADE PRICE LIST

All Goods Carriage Paid.

These goods are to be sold to the public only at face value.

For quantities of not	1/3 size -	11/-
less than £10	.. 3/-	28/-

For quantities of not	1/3 size -	11/9
less than £5	.. 3/-	29/6

Less 2½% for cash with order, or Nett on 10th of month following month of purchase.

For quantities under £5	1/3 size -	12/6
	3/-	31/-

Nett cash with order.

CAPSULOID (1909) Ltd.
8a Duke St., Manchester Sq., LONDON, W.1

ESTABLISHED 1793.

The Best and
Safest Infants'
Medicine of
over 130 years'
standing.



Does not
contain
any
Scheduled
Poison.

ROBERT BARKER & SON, LTD., 13 WESLEY STREET, C. on M., MANCHESTER

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopoeia. (Wholesale only.)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.

ALL CHEMISTS
SHOULD STOCK

ABDIKE

THE GOLD MEDAL HEALTH DRINK

Quick Seller. Big Profits. Over 50 years' Reputation.
"Abdine" is the most popular Health Drink. Perfectly safe for all ages.
Made from choicest fruits, it does not contain Epsom or Glauber Salts. Year
after year the sales are steadily increasing.

DUNCAN McGlashan LTD., ABDIKE WORKS, WESTFIELD RD., EDINBURGH

HORLICK'S AT BEDTIME
ENSURES SOUND SLEEP.

SHOWCARDS

WHICH HELP SALES.

WRITE

JAMES
TOWNSEND
AND SONS,
EXETER.

(London Office:—54, Farringdon Street, E.C.4.)

CAMWAL

TABLE WATERS -	- in Syphons & Bottles
LEMONADE POWDER {	in Packets, Cartons,
AQUAPERIA WATER } or SALTS (P.A.T.A.)	and Canisters.
LEMON SQUASH -	- in 26oz. Bottles (with plain or Soda water forms a delicious drink).

HOME and EXPORT PRICES and TERMS on application

CAMWAL, Ltd. LONDON, MANCHESTER, BRISTOL,
BIRMINGHAM, HARROGATE,
Victory House, 99 Regent St. (Piccadilly End), LONDON, W.I.
Telephone: Gerrard 5714-5

GARFIELD TEA

PROMPT SHIPMENT
ALL SIZES

'Phone or Write:

GARFIELD TEA CO.
44 Foxbourne Road
BALHAM, LONDON, S.W.17

Take YOUR Profits

2/-
PER TIN
P.A.T.A.



DOCTORS AND NURSES ARE TELLING MOTHERS

Put Baby on Lactogen

Stock Lactogen—and make your shop known as Lactogen headquarters. New customers are born every day.

For Doctors and Nurses all over the country are telling Mothers, "If Baby needs additional feeding, or alternative feeding, or cannot have breast milk—put him on Lactogen." Lactogen is a modified dried milk for

infant feeding made by Nestlé's the famous milk people. The name Nestlé's is of course synonymous with all that is best in milk products for more than half a century. Lactogen is not new or untried. It was first introduced in Australia and has for many years enjoyed a large sale in many overseas countries.



Send to-day for full particulars and Trade Terms.

Lactogen Bureau (Dpt. A Z17)
Nestlé's and Anglo-Swiss
Condensed Milk Co.,
6 & 8, Eastcheap, E.C.3

RENDELL'S RECIPES for SUCCESS

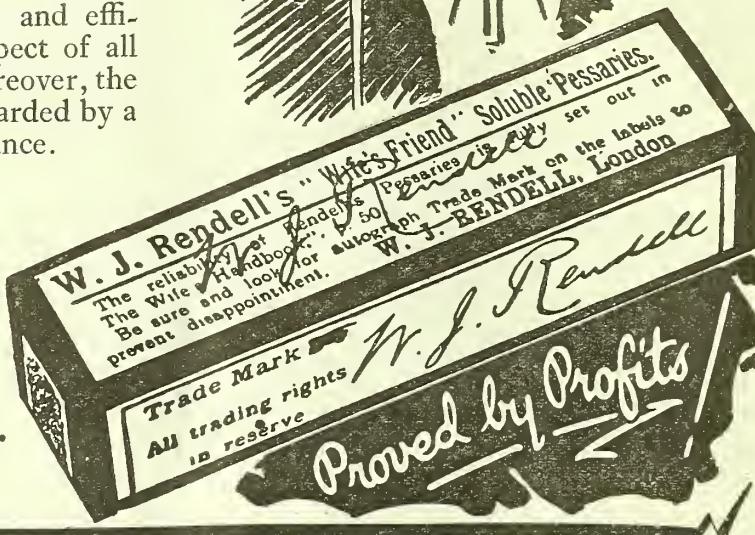
⑧ INTEGRITY

MANUFACTURED with a scrupulous care to ensure that every ingredient shall be the best and purest obtainable, and every finished pessary of standard strength and efficacy, Rendell's enjoy the respect of all who use and sell them. Moreover, the Chemist's interests are safeguarded by a strict policy of price maintenance.

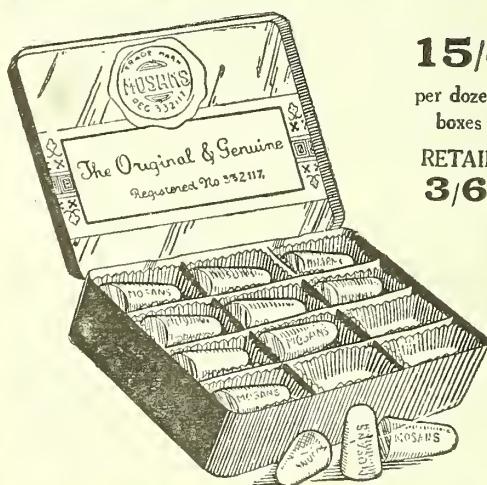
The Trade has given its unqualified approval to our new booklet, "The Solution of Birth Control Problems." Chemists who have not yet received copies for distribution should write for a supply without delay.

W.J.RENDELL LTD.

HARDWICK HOUSE,
161-165 ROSEBERRY AVENUE,
LONDON, E.C.1.



"MOSANS" Non-Greasy, Odourless QUININE PESSARIES



ORDER THROUGH USUAL WHOLESALER.
Avoid Imitations and see the No. 332117 on each box.

15/-
per dozen
boxes
RETAIL
3/6

DISPLAY **NORVIC** Reg'd



BLUE CARTON CRÈPE BANDAGES

A well-advertised and highly recommended line which makes a profitable window or counter display. Showcards free on request.

Full 33½% Profit. P.A.T.A.

Stocked by leading wholesalers.
Sole manufacturers, GROUT & Co. Ltd., 35 Wood Street, E.C.2

WILSON Surgical Industrial & Household GLOVES

SUPPLIED TO THE
TRADE EXCLUSIVELY



Rd Blakie
11, CANUTE RD.
SOUTHAMPTON



Best sellers

The public is asking for **ZEAL CLINICAL THERMOMETERS** because they are:-
GUARANTEED TO STAY ACCURATE CONSISTENTLY ADVERTISED

Made by
ZEAL

-the name the public knows.

G. H. ZEAL, LTD.,
75 & 77, St. John St., London, E.C.1.

"SURCO"

RELIABLE
ELASTIC HOSIERY

SEAMED & SEAMLESS

For special garments to measure we maintain a 24 hour service.

:: BODY BELTS ::
TRUSSES :: SUNDRIES

Write for Catalogue.

SURGICAL HOSIERY CO., LTD.

Russell Street :: NOTTINGHAM

Telephone No.: 75903 Telegrams: SURGICAL, NOTTM.

THE WELL-KNOWN **R.J.R. SERIES OF PERFECT ALL-GLASS SPRAYS**

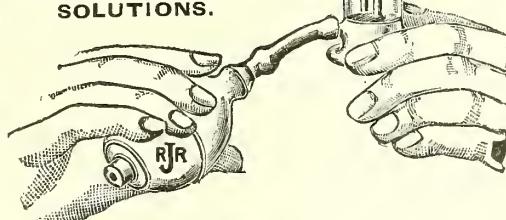
TESTED AND GUARANTEED



The "ARISTON"

Reg. 673322.

FOR OIL OR HEAVY AQUEOUS SOLUTIONS.



The OMEGA

Reg. 551522.

FOR OIL OR AQUEOUS SOLUTIONS. FOR USE WHERE A COPIOUS SPRAY IS REQUIRED.



Also in many other patterns. List and Prices on request.

— NOW SUPPLIED BY —

BRITTON, MALCOLM & WAYMARK LTD.
38 SOUTHWARK BRIDGE ROAD, S.E.1
OR FROM ANY WHOLESALE HOUSE.



W. B. DICK & CO. LIMITED

26 GROSVENOR GARDENS - - LONDON, S.W.1
 Telephone—Sloane 3461 (7 lines). Telegrams—“Dicotto, Sowest, London.”
 GLASGOW LIVERPOOL NEWCASTLE CARDIFF & NEW YORK

Send for samples and Quotations (Wholesale only)

PARAFFINUM LIQUIDUM B.P. *All Specific Gravities Guaranteed to remain bright at 0°C*

B.P. WHITE & YELLOW
PÉTROLÉUM JELLIES

WHITE & HALF
WHITE OILS

Bleached
White
B.P.

BEESWAX

Refined
Yellow
B.P.

POTH, HILLE & CO., LTD.
6 Lloyd's Avenue, London, E.C.3.

Works at Stratford, E.

Telephones:
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(3 LINES)
Telegrams:
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LONDON.

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& CO LTD.
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PRINTERS

FINE ART SHOWCARDS, CARTONS,
ENVELOPES FOR SHAMPOO POWDERS,
CORN SILK, ETC.

“Sol-Vo” Sanitary Paper
in Rolls & Packets.
AGENTS FOR THE REGISTRATION
OF TRADE MARKS.

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HIGH HOLBORN
LONDON W.C.1

Liquid Paraffin B.P.

ALL GRADES
S.G.: '865 to '895.

PURE OIL CO., LTD.,
35, Davies St., London, W.1.
'Phone : Mayfair 6522/3.

WHOLESALE ONLY.

Petroleum Jelly

White, Yellow, Amber,
& Ruby Red, for all
Pharmaceutical and
Veterinary purposes

MEADE-KING, ROBINSON & CO., LTD.

22 Water Street
LIVERPOOL.

523 Salisbury Hse.
Finsbury Circus
LONDON.

Deansgate Arcade
MANCHESTER.

Martineau Street
BIRMINGHAM.

Wellington
Chambers
LEEDS.

PURE RUSSIAN LIQUID PARAFFIN MEDICINAL B.P.

ALL GRAVITIES. HIGHEST VISCOSITY.

PURE RUSSIAN “JASMINE” BRAND WHITE OILS

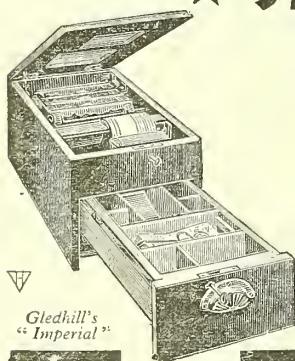
CHEMICALLY PURE. WATER WHITE. ODOURLESS.
FOR MANUFACTURING PURPOSES.

Competitive Prices. Best Quality. Immediate Delivery.

THE PURE RUSSIAN LIQUID PARAFFIN CO., LTD.
80 BISHOPSGATE, LONDON, E.C.2

Telephone : LONDON WALL 7132-7133.

Telegrams : “INVATORE, STOCK.”



★ SECURITY FOR YOUR CASH

during rush periods is obtained with a Gledhill Till. No mistakes or costly arguments, but a satisfactory system of accounting is inaugurated.

The “Imperial” (shown) has excellent drawer accommodation and will give you 30 years’ freedom from worry. Get your Till from the firm with 40 years’ reputation for quality and straight dealing.

Catalogue, etc., from

G. H. GLEDHILL & SONS
LTD.

16 Trinity Works, HALIFAX, Eng.

“PRESTOP” Milk COVER & Cardboard disc REMOVER

6 d.
FITS ALL SIZES.
Manufacturers:
T. WEBSTER & CO., LTD.
Diamine House,
Middle Lane,
Hornsey, London, N.8



WHITE OILS

HALF WHITE and
COLOURED OILS
for Brilliantines, &c.

UNITED WHARF,
SILVERTOWN, E.16

Telephones:
Albert Dock 2741-2

REDDGRAVE SITORA LTD.

PETROLEUM JELLIES

WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

WHITE & COLOURED OILS

YELLOW, GREEN, RED FOR BRILLIANTINE, etc.

LIQUID PARAFFINCOLOURLESS, TASTELESS, ODOURLESS.
ALL SPECIFIC GRAVITIES.

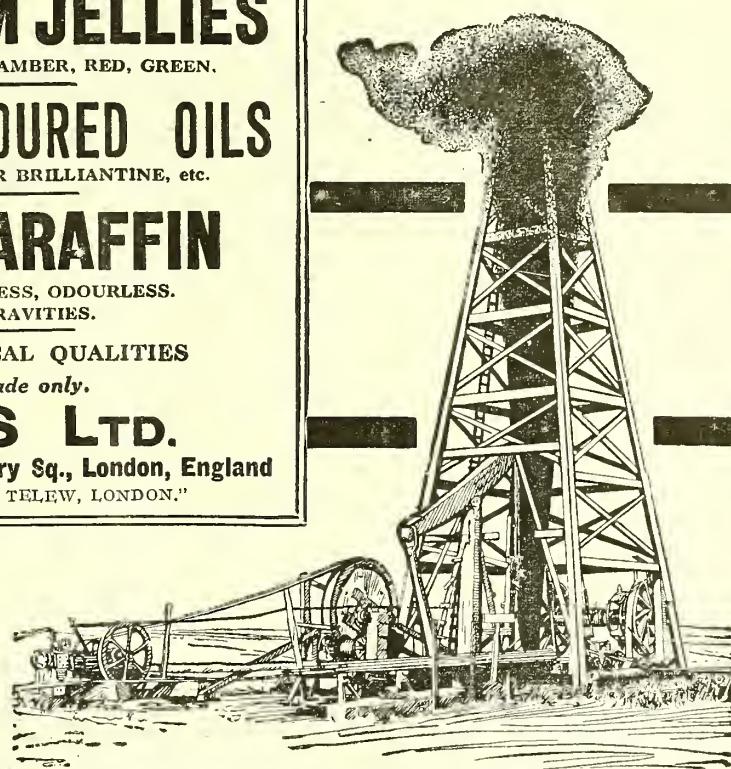
B.P. AND TECHNICAL QUALITIES

Wholesale Trade only.

STERNS LTD.

Royal London House, Finsbury Sq., London, England

Telegrams: "CENTUMVIR, TELEW, LONDON."

**PETROLEUM JELLY**

("SALVO PETROLIA")

BRAND

THE PERFECTION OF PETROLEUM JELLY
MANUFACTURED SOLELY BY**THE DEE OIL Co. Ltd.**D 23 & 24 EXCHANGE BUILDINGS
LIVERPOOLTELEPHONE:-
CENTRAL 3859TELEGRAMS:-
CESTRIANLONDON OFFICE
11 POULTRY, CHEAPSIDE, E.C.2. PHONE: CITY 8455PACKED IN BARRELS, KEGS OR
SMALLER PACKAGES IF DESIREDOTHER GRADES OF
PETROLEUM JELLIES, WHITE BASES ETC.
WHITE OILS B.P. & Technical Qualities

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The GREAT remedy for
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Wholesale - - - 24/- per doz.

P.A.T.A. Nett 1 month.

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EVANS, GADD & CO., LTD., having the sole proprietary rights in the above excellent and well-known article, are prepared to appoint Agents on liberal Terms.

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CATALINE
Pays
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BECAUSE it enjoys the largest sale of any Cattle Medicine Preparation and is on the P.A.T.A.

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BECAUSE we do not employ travellers to call on Farmers or solicit orders at cattle fairs or markets.

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3/- " 24/- "

The large size contains 3 times the amount of the small.

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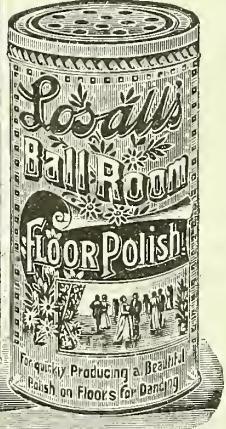
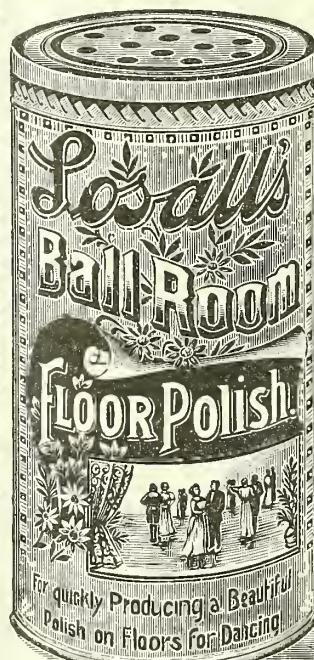
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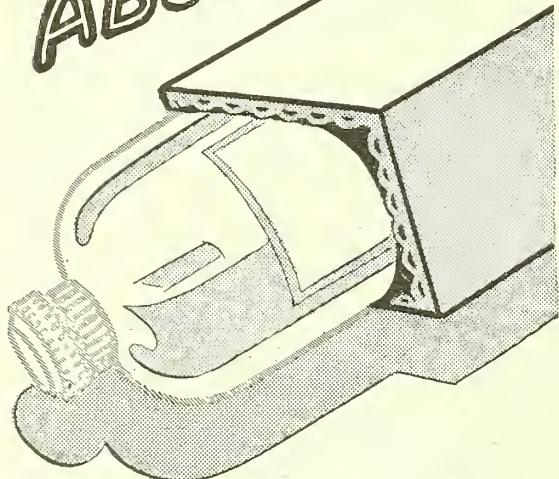
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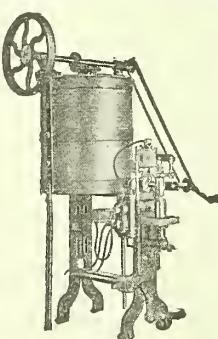
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This is a Machine specially constructed for the use of Chemists or Manufacturers of small quantities of Pills. Capacity about 5 lbs. per hour. Can be used on Counter or where little space can be spared. The Piping Press and Machine occupies a space of 2 ft. by 1 ft.

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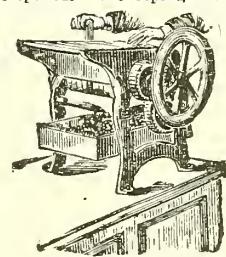


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Ordinary 8³/₄ d. ,

Fine 1/1¹/₂ ,

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20 gross - - less 5%.

Less 5% cash with order.

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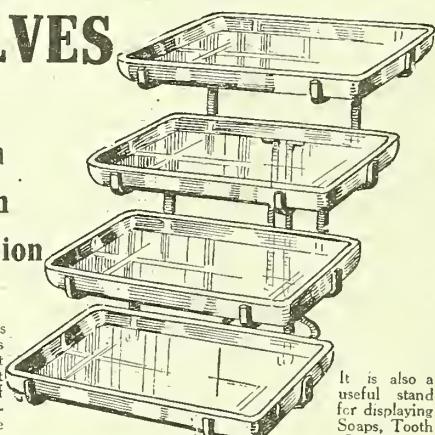
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Tooth
Brush
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Tooth Brushes have always been a difficult line to serve, but with the aid of this stand customers can serve themselves.

It is also a useful stand for displaying Soaps, Tooth Pastes, etc.

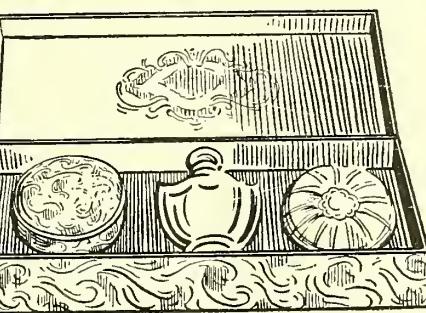
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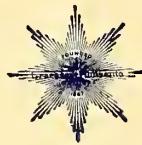
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Lysol makers need a selected uniform CRESYLIC ACID. We shall be glad to send samples of Monsanto selected Cresyllic—specially prepared and tested for Lysol making.

It may be easy to sell an inferior Lysol once; only first grade quality will continue to sell.

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Up-to-date chemists now sell Sulphur Tablets in coloured cellophane bags



Orange in
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HAVE YOU ORDERED YOUR SUPPLIES?



Raspberry in
raspberry coloured bags

3/6 doz. Retail **6d.**

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Manufacturing Chemists
BRIGHTON ENGLAND

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ELIXIR BROMO-VALERIAN CO. Free from any disagreeable taste or odour.

Each fluid drachm (4 c.c.) contains { Strontii Bromidi... ... 5 gr. Tinct. Adonis Vernalis 5 m.
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THE CHEMIST AND DRUGGIST

SUPPLEMENT

28 ESSEX ST.
LONDON, W.C.2

APRIL 4, 1931

This Supplement is inserted in every copy of The Chemist & Druggist.

THE CHEMIST AND DRUGGIST SUPPLEMENT

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1.—WEMBLEY.—General Retail and Dispensing Business, with Kodak Agency; returns last year £1,470, with scope for increase in the hands of a younger man; double-fronted shop, well fitted and stocked; rent £155; part sub-let; held on lease; vendor is willing to consider either a lump sum offer or value of stock and fixtures, plus an agreed sum for goodwill.

2.—WESTERN SUBURB.—General Retail and Dispensing Business, with N.H.I. and Kodak Agency; returns, present rate, £35 per week, under management, plus £150 per annum from N.H.I.; Dispensing; double-fronted shop, well fitted and amply stocked; rent £90; sub-let £52; held on lease; price £1,250.

3.—CHEAPSIDE (Near).—General Retail and Dispensing Business; established 50 years; returns approximately £3,000 per annum; accountant's figures; single-fronted shop, well fitted and fully stocked; reasonable rent; held on lease; price for quick sale, £2,250.

4.—ALDGATE (Near).—General Retail and Dispensing Business, with Kodak Agency and N.H.I. Dispensing; very old established; returns last year £4,500; accountant's figures; large double-fronted shop, very well fitted and fully stocked; flat over; rent £180; long lease; terms, valuation of stock and fixtures, plus an agreed sum for goodwill.

5.—CROYDON.—General Retail and Dispensing Business, with Kodak Agency and N.H.I.; returns approach £2,350 per annum, with scope for increase; net profit about £650; main road position; living accommodation; price required for business £1,500, or valuation terms entertained; vendor is also desirous of selling the property for £1,500.

6.—LONDON, E.C.—City Business, very old established, returns £2,000, with scope for considerable extension by the addition of Photographic; gross profit exceeds 40 per cent.; small, compact shop, fitted in mahogany and fully stocked; rent £200 per annum; no rates; to effect a prompt sale the vendor, who is retiring, will accept the valuation of stock and fixtures.

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8.—NORWICH.—Old-established Business of mixed type; returns last year £8,200; scope for increase with personal supervision; extensive premises; part let off at £450 per annum; heavy stock; valuation terms entertained; further details on application.

9.—DISS.—General Retail Business; returns, under management, £2,500 per annum; stock and fixtures worth about £950; good living accommodation; price about £1,550, or valuation terms entertained.

10.—KENT.—Business and Branch for Disposal; Family Retail and Dispensing with Kodak Agency; returns exceed £2,500 under management; if personally conducted net profit would be between £500 and £600 per annum; very moderate rents; living accommodation; long lease; price £1,650 or near offer.

11.—SUSSEX.—General Retail and Dispensing Business; returns last year over £2,000; net profit exceeds £500; present rate of turnover between £50 and £60 weekly; very good living accommodation; rent £96; lease 18 years; price £1,250.

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13.—ESSEX (Good-class Town).—General Retail and Dispensing Business; returns between £25 and £50 weekly, with scope for large increase; rent £100 per annum; 17 years' lease; valuation terms entertained.

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4.—**CHANNEL ISLANDS.**—Sound light Family, Retail and Dispensing Business; in present hands 36 years; returns £1,264; net profit £531; own property; lease arranged; stock and fixtures worth £600; price £900; owner retiring.

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7.—**LONDON SUBURB, S.W.**—Very profitable Family Retail and Prescribing Business, in good main road position; Photographic trade not touched; returns £1,950; net profit £750; long lease granted; owner retiring; price £1,500.

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Messrs. Auchterlonie Williams & Co.

LIMITED

request ALL ENQUIRIES to be made to

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We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an Advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BOURNEMOUTH.—Double-fronted, well-fitted, lock-up Pharmacy, well situated, near sea; average returns £1,250 at exceptional profits; Kodak Agency; splendid opportunity to secure a sound concern at a low figure; £750, or near offer. Please address, 120/10, Office of this Paper.

CHESHIRE.—Old-established Country Agricultural; steadily increasing; low rent and rates; price, stock and fixtures, about £350. 122/6, Office of this Paper.

SOUTH.—Small, progressive Business in busy main thoroughfare; double-fronted shop and living accommodation; returns about £1,400, increasing; continued ill-health sole cause of sale; low rent on lease; a bargain at £875 for immediate sale; cash buyers only. 120/35, Office of this Paper.

SOUTH COAST.—Pharmacy in main street; good living accommodation; shop well fitted; clean stock; general all cash trade; 21 years' lease; Kodak Agency; splendid opportunity; low rent, fullest investigation; £400; stock at valuation or offer. 122/8, Office of this Paper.

SOUTHEND-ON-SEA.—Two Businesses for Sale, separate shops, adjoining, (1) Chemist's, (2) Confectionery and Tobacconist; returns between £20 to £25 per week; season trade more than double; situate in main road; shopping thoroughfare; opposite cinema; sure living now and fortune to right man; new modern house with large garden; long lease; reasonable rent; would be sold separately or together; Confectionery and Tobacconist £200, Chemist's £350, or agreed sum for goodwill; stock, fixtures and fittings at value; part cash down and balance instalments if desired. Apply Hooper, 140 Southchurch Road, Southend-on-Sea.

YORKSHIRE, WEST RIDING.—Old-established General Retail and Dispensing; live Kodak Agency; returns £1,300, accountant's figures; low rental, under lease; living accommodation or lock-up; good profits; business increasing; genuine offer; price £300 for fixtures, fittings, goodwill, etc., and stock at valuation (about £400); no triflers, please; owner buying larger business. 118/12, Office of this Paper.

CHEMIST'S Business, S.E., with N.H.I. and Kodak Agency, for immediate disposal owing to expiration of lease; large shop; well fitted and stocked; living accommodation; property must be bought, £1,025; £800 can remain on mortgage; price for quick sale £450, or £50 and valuation; returns approximately £1,000 per annum; a rare opportunity. 122/5, Office of this Paper.

ZOMOGEN, a well-known Food Product, commended by 1,500 doctors. The Equipment, Stock and Formula for Sale. Inquiries and offers to be addressed to the Managing Director, Zomogen Food Products, Ltd., 63 York Place, Edinburgh.

TENDERS INVITED.**CORPORATION OF LONDON.
DISINFECTANTS.**

THE Sanitary Committee of the Corporation of London are prepared to receive Tenders for the supply of such Disinfectants and Chemicals as may be required by the Corporation for a period of three years from the 1st July, 1931.

Forms of Tender and particulars of the articles required, which should preferably be of British or Imperial origin, can be obtained at the Office of the Town Clerk, Public Health Department, Guildhall, E.C.2, between the hours of 10 a.m. and 5 p.m. (Saturdays 10 a.m. to 1 p.m.).

Tenders, on the form supplied, must be delivered at the Office of the Hallkeeper, Guildhall, E.C.2, not later than 12 noon on Monday, the 27th April, 1931, in sealed envelopes, addressed to the Town Clerk, Public Health Department, and endorsed "Tenders for Disinfectants, etc."

The Committee do not pledge themselves to accept the lowest or any Tender.

BELL.

Guildhall, E.C.2.
26th March, 1931.

AGENCIES.

TRAVELLING Representative, with wide knowledge of Perfumery and Toilet Requisites market in India, Burma, Ceylon, etc., at present in London, is open to act for well-known firm of Manufacturers and Perfume Distillers, also for Chemists' and Druggists' Proprietary Lines. Reply to 120/6, Office of this Paper

PATENTS.

THE Proprietors of British Patent No. 231,827 for "Production of Inactive Menthol" are desirous of entering into negotiations with interested parties for the granting of Licences thereunder on reasonable terms or for the Sale of the Patent outright. Communications, please address to Messrs. Dicker, Pollak & Mercer, Chartered Patent Agents, 20-23 Holborn, London, E.C.1.

SITUATIONS OPEN.**RETAIL (HOME).**

BIRMINGHAM.—Qualified Manager required; excellent opportunity for good Salesman and smart Window-dresser to make real progress; industrial business in busy shopping centre; salary and commission. State age, experience, salary required, and when at liberty to 121/2, Office of this Paper.

CARDIFF.—Smart Assistant required, qualified in Optics; good-class Counter and Dispensing experience essential. 122/23, Office of this Paper.

LANDUDNO.—Lady Assistant (unqualified) required, immediately, with Dispensing, Counter and Photographic experience; must be pharmacy trained. State full particulars, with salary required (outdoors), and photograph, to Miss Horniblow, 4 Queen's Buildings, Llandudno.

LONDON, S.E.—Keen Junior at once. Salary and particulars (no testimonials) in first place to 120/9, Office of this Paper.

LONDON, S.W.9.—Qualified Assistant required immediately; thorough, quick, and willing to assist with all duties of retail establishment. Apply, in writing, stating experience, salary and usual particulars, to "H. R. E." c/o 77 Atlantic Road, S.W.9.

LONDON (9 miles from City).—Assistant Dispenser (Junior), able to dress windows; references from employer; Scot preferred. P.C.B. 38/24, Office of this Paper.

LONDON HOSPITAL.—Assistant Pharmacist wanted; hours 9 till 5 daily, with occasional late duty; progressive salary, commencing at £200, subject to deduction for superannuation under the Federated Superannuation Scheme. Applications, stating age, date of qualifying, and experience, to be made by letter, in own handwriting, to the House Governor, London Hospital, Whitechapel, E.1.

MANCHESTER.—Qualified Manager for quick N.H.I. business in working-class district; must be smart Salesman and good Window-dresser. Particulars of experience, age, salary, and when free to 121/200, Office of this Paper.

MANCHESTER.—Qualified man wanted; quick and accurate Dispenser; good Salesman, knowledge of Photography, also Counter and Window Displays. State full particulars as to age, experience, salary, references, and when at liberty. Latewards. Ltd., 389 Ashton New Road, Manchester.

NEAR LIVERPOOL.—Advertiser, who has recently opened a branch, invites application from qualified Chemists for the post and one who is not afraid of work. Send full particulars and salary required in first letter. 122/15, Office of this Paper.

SOUTH DEVON COAST.—Qualified Branch Manager for good-class Dispensing, Toilet and Photographics; Salesman; tactful, able to control staff and increase trade; can wait for suitable applicant; also qualified First Assistant for another branch. 122/24, Office of this Paper.

ACITIVE, middle-aged, qualified man wanted, experienced in all branches Counter, N.H.I., Window-dressing, Photography; working-class district. Apply Mayou's, Ltd., Chemists, New Park Street, Leicester.

ASISTANT, unqualified, young, energetic, but accurate. State age, height, full particulars of experience, and salary required. A. E. Grimwade, High Street, Hemel Hempstead, Herts.

BRANCH MANAGER; early in May; accustomed to good-class Retail and Dispensing, with Photographic; Qualified Chemist and an experienced Optician (registered J.C.Q.O.); permanency to a suitable man, who must be a good Salesman, of courteous manner and thoroughly competent and trustworthy. Full particulars of former experience, age, height and salary required to D. T. Evans, Ltd., Chemists and Opticians, Margate, Broadstairs and Ramsgate. Letters to Head Office: 1 High Street, Margate.

CAPABLE Junior, lady or gentleman, required immediately for good-class business. Please give fully particulars and salary required (outdoor). J. W. Normansell, Ph.C., Wells, Somerset.

QUALIFIED Chemist wanted (male or female) as Second, under manager; experienced; quick Counter trade; Window-dressing, etc. State all particulars, including salary required, to Ipswich Industrial Co-operative Society, Ltd., 38 Carr Street, Ipswich. Endorse envelope "Chemist."

QUALIFIED Assistant for indefinite period, until business is sold; small shop; working-class neighbourhood. Write full particulars and salary required, which must be moderate, or call, Fookes, 34 Vicarage Lane, High Street South, East Ham.

REILIEF MANAGERS.—Qualified men wanted for Midlands; R must be able to control staff and anxious to make progress; good prospects of permanency to really keen and able men. State age, salary required, giving previous experience and when free, to 121/201, Office of this Paper.

TIMOTHY WHITES have vacancies for unqualified Assistants. Write, giving full particulars of experience, etc., to Assistant Secretary, Timothy Whites (1928), Ltd., Chemists, Portsmouth.

TIMOTHY WHITES are about to open more new branches, and require really capable, qualified Managers with previous experience of management; applicants must be energetic and have good organising ability; good salaries; commission; free removal. Send full particulars to Assistant Secretary, Timothy Whites (1928), Ltd., Chemists, Portsmouth.

WANTED, qualified lady Chemist; quick and accurate Dispenser, also Counter; middle-class business; April 14. State age, height, experience, references, and salary required, enclosing photo; outdoor. Savage & Co., Pharmaceutical Chemists, Brighton

YOUNG, qualified Locum required for week commencing April 20 in Croydon. Apply 121/33, Office of this Paper.

WHOLESALE.

ASISTANT CHEMIST.—A vacancy occurs in a Works Laboratory for a young man (18-22) who has had training and experience in a similar position. Applicants, who should have passed the Matriculation or equivalent examination and have some chemical training, should send full details (in confidence) to 184/535, Office of this Paper.

WANTED, Representatives for Manufacturing House supplying Compound Perfumes for Soap, Perfumes and Toilet Preparations; liberal commission; state territory covered. 184/536, Office of this Paper.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.A.A.A. —A CAPABLE, qualified man; 26; well experienced London and West-End; competent Counterman, Dispenser, Window-dresser; Toilets, Photography; excellent references; London preferred; report for duty within 3½ hours; probation period if desired. Edwards, "Fernlea," Bryncethin, Bridgend.

A.A.A.A.A. —LADY, qualified, 22, requires post, Assistant Dispenser, in good-class Pharmacy or Hospital; London or district. Findlay, c/o 42 Vernham Road, Plumstead, S.E.18.

A.A.A.A.A. —UNQUALIFIED requires position for six months; South London preferred; 4 years' West-End and provincial experience; Window-dressing, N.H.I., etc. 54 High Street, Carshalton.

A.i.A.A. —QUALIFIED, 25, seeks situation; Potteries-Manchester preferred; Locum or permanency; thoroughly capable Dispenser, Counterman; good knowledge of Photography; at present manager; reliable references. Write "Chemist," 1352 Ashton Old Road, Manchester.

A.A. —ASSISTANT or Branch Manager; qualified; 22; season or permanency; 5 years' London and provincial experience; disengaged after Easter. Harris, 79 Selfons Avenue, N.W.10. 'Phone: Willesden 4278.

A. —LOCUM; qualified; registered R.P.U.; long or short period; experienced all branches; active; excellent references; terms moderate. "S. C. J." 54 Priory Road, West Hampstead, N.W.6. 'Phone: Maida Vale 8212.

A. —ASSISTANT (Irish); excellent experience, including West End; Dispenser, Counter, Windows, Photography, Perfumery, etc.; highest references; Locum, permanency. P.C.B. 38/34, Office of this Paper.

ASISTANT (young lady, 21), used to quick Counter trade, A desires change for further experience; 5 years' experience; Sussex or London preferred. Low, 74 St. Leonards Road, Hove.

ASISTANT; unqualified; male; 22; accurate Dispenser; A Counter and Photographic experience; disengaged (studying Part I); good references. Bareham, 61 Bampton Street, Tiverton, Devon.

ASISTANT; 23; accurate Dispenser, Optics, Photographic; "exceptional knowledge seaside trade; Part I Course. Clark, "Worcester," Stornoway Road, Southend-on-Sea.

ASISTANT; unqualified; Locum or permanent; London and country; 25 years' varied experience; good references. "Chemicus," 122/9, Office of this Paper.

AT LIBERTY.—M.P.S.; experienced Dispensing, Retail, Photographic; London or near country or seaside. Jamie-son, 23 Sinclair Road, W.14.

DISENGAGED APRIL 11.—Competent Assistant, age 26, Dispensing, Retail and Window-dressing, seeks permanency; London or suburbs. Stote, 4 Pulteney Road, Bath.

EXPERIENCED all-round Assistant, tall, unqualified, desires post where capabilities are required; permanency, locum. "Urgent," 23 Doughty Street, Holborn.

EXPERIENCED, qualified, married, desires responsible post; permanency or Locum; first-class references; free. Coombe, "Killaloe," Torquay Road, Paignton.

JUNIOR requires engagement immediately; East Sussex country or seaside preferred; good experience, Counter, N.H.I. Photography, Window-dressing; knowledge French and German. Write "Harding," "Stonehurst," Horley, Surrey.

JUNIOR, 22 (Part I); used to quick Counter, N.H.I.; excellent reference; London or suburbs. Bishop, 12 Dawnay Road, S.W.18

LADY Dispenser (Hall Certificate), Medical Book-keeping, young, requires post. 112/17, Office of this Paper.

LADY, unqualified Assistant, desires post; 10 years' experience; quick Counter work; high-class Toilet experience. Williams, "Hill Park Manse," Haverfordwest.

LADY (Hall), rather deaf, requires post where deafness immaterial; last post 5 years. "L. M." 41 Augustine Street, Taunton.

LADY, 25, desires position, high-class Pharmacy, Institution or with Doctor. "M.P.S.", c/o Wilson, 42 George Street, W.1.

LADY, qualified M.P.S., first-class Dispensing and Counter experience, desires position; capable of taking charge. 122/32, Office of this Paper.

LADY Dispenser (Hall) requires post, Doctor, Chemist or Hospital; London district; pharmacy trained; good Hospital and London experience; excellent references; free. "P." 105(3) Shepherd's Bush Road, W.6.

LOCUM, relief, Manager; "not registered"; 20 years' experience; Dispensing, Stock, Counter, Salesman, Prescriber. "G." 150 Scott-Ellis Gardens, N.W.8.

LOCUM; qualified; abstainer; reliable; all-round experience, Photography, Optics; at liberty now on. "Chemist," 1 Saltney Avenue, Withington, Manchester.

LOCUM or Manager; qualified; well recommended; abstainer. Thomas, 37 Downs Road, Clapton, N. Phone: Clissold 9324.

LOCUM; qualified; London or suburbs; free April 19-25, and June 21-August 29; booking up now; 11 years' experience as manager; well recommended. 122/27, Office of this Paper.

MANAGER, qualified, 26, of good appearance and address. desires position of trust with scope for experience and hard work; thoroughly capable and reliable in all branches of the business, including modern store methods; excellent references; interview any time; at liberty when required. W. J. Wykes, 12 Somerset Road, Dartford, Kent.

MANAGER, qualified, highest credentials, abstainer, tall, age 25 years, requires similar position in town or seaside; Lancashire preferred; free at short notice. 120/15, Office of this Paper.

MANAGEMENT of brisk London business required by energetic, keen Pharmacist of exceptional experience; now free; excellent references. Write "Competent," 122/19, Office of this Paper.

M.P.S.—LOCUM or relief; middle-aged; used good-class business; well recommended; free until April 17 and after 24th. "Pharmacist," 70 Lee Road, Blackheath, S.E.3.

M.P.S., 26, tall, good appearance and personality, ambitious, excellent experience, seeks position in good- or high-class business; anywhere; would like succession or Partnership in few years' time. 122/10, Office of this Paper.

PART-TIME position wanted, unqualified Assistant, two or three days per week; any days; capable all branches of Pharmacy; South London preferred. P.C.B. 38/11, Office of this Paper.

QUALIFIED, 28, requires permanency anywhere; excellent experience all branches. Terms, "Chemist," "Beechwood," Hungerford Road, St. Annes-on-Sea.

QUALIFIED, 30, requires Locum or season's post until October; excellent references. Higson, 915 Manchester Road, Over Hulton, Bolton.

QUALIFIED; Scot; middle-aged; good all-round experience; not afraid of work; Manager or Senior; disengaged. 121/27, Office of this Paper.

QUALIFIED, 26, married, tall, seeks post, Manager or Assistant; Sheffield district; excellent experience in all branches of trade. 122/12, Office of this Paper.

TALL, keen, smart Manager, M.P.S., 25, ambitious to make progress, desires change; preferably with view to succession; excellent references; Nottingham or Midlands. 122/11, Office of this Paper.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensues. Strict attention to this detail will be appreciated.

THE Board of Management of the Staffordshire General Infirmary desire to strongly recommend a young lady Dispenser (age 23). M.P.S., with exceedingly good personality; she has given most satisfactory voluntary services here for the past four months, and is desirous of securing a permanent position in a Hospital. For further particulars apply A. E. Collins, Secretary, Stafford. March 31, 1931.

YOUNG, qualified man desires situation near home address; excellent experience in all branches; would welcome experience in Optics. Apply C. G. Dunn, 85 Westbourne Terrace, Hyde Park, W.2.

WHOLESALE.

QUALIFIED, 25, smart appearance and requisite personality, doing detail work amongst Medical profession successfully, requires immediately joint representation with another first-class firm, with non-competitive line, to cover South Coast area; 50/50 salary and expenses. Any good house requiring efficient propagandist please write 119/5, Office of this Paper.

WANTED, Agency for high-class lines; London and Home Counties; highest references; tall; good appearance; excellent salesman; own car. "Energetic," 30 Wentworth Park, London, N.3.

FOR SALE.

WEIGHING Machine (Personal). 1d. in slot, Watlings U.S.A. make, cost £50, insured with Lloyd's (all risks) for £40; outside use, any weather; giving up business only reason selling; price £20 cash; takes 2os. per week, proved. The Kew Road Pharmacy, Kew Road, Richmond, Surrey.

MISCELLANEOUS.

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BEST offer secures Stock (and Fittings by Evans, Ltd.) or Fittings alone (Chemist's). Seen by appointment. Nottall, 265 Gt. Western Street, Moss Side, Manchester.

CHEMISTS' FITTINGS.—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass Fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cascs, Silent Salomes, Upright and Flat Counter Cases, Plate-glass Counters, Cash Tills, Display Stands and Glass Shelves, etc., ready for immediate delivery at competitive prices. Write or call for List. F. MAUND & E. BERG (SHOWCASES), LTD., 175/9 and 356 Old Street, London, E.C.1.

CHEMIST'S MAHOGANY FITTINGS.—Drug Fittings, 12 ft. x 10 ft. long; Wallcases, 5 ft. 6 in. x 5 ft. long; Glass-front Counter, 10 ft., 9 ft. and 8 ft. long; Dispensing Screens, 8 ft., 7 ft. and 5 ft. long; all glass Counter, oak framed, 6 ft. long; low prices; sketches by return. GEORGE COOK, The Working Shopfitter (over 40 years' experience), 27 Macclesfield Street, City Road, London, E.C.1.

ENTIRE CHEMISTS' FIXTURES.—We can supply your requirements from our immense stock, and give free delivery London. Send us your particulars; better still, visit our Show Rooms. RUDDUCK & CO., Drug Store Fitters, 219 Old Street, London, E.C.1.

LIMITED COMPANIES REGISTERED.—I have now been engaged in this work over 20 years, so you may rely that my experience in Chemist and other Companies (I take all trades) is hard to beat. Most reasonable and inclusive fee. Advice free. A. B. SLACK, 15 Christ Church Avenue, West Didsbury, Manchester.

SHOP FITTINGS, complete, including Wall Cases, Counter Cases and Scales; £50, or nearest; arterial road acquisition cause of selling. THE KEW ROAD PHARMACY, Kew Road, Richmond, Surrey.

£?—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showroom a Complete Chemist Shop with Metal Shop Front, Window Backs, Correct Window Lighting Signs and Modern Interior Fittings. 40-page Catalogue on request. D. MATTHEWS & SON, "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1842.

All Unqualified Assistants, Dispensers and Apprentices should join at once
THE NATIONAL UNION OF DRUG & CHEMICAL WORKERS
 (incorporating the National Association of Chemists' Assistants)
BENEFITS: Trade Protection—Legal Aid—Unemployment Benefit—Free Use of Employment Bureau
 Write for particulars—ARTHUR J. GILLIAN, Gen. Sec.
 149 NEWINGTON CAUSEWAY, LONDON, S.E.1

ADVERTISERS would consider the PURCHASE OF GOODWILL, etc., of any PATENT MEDICINE or PROPRIETARY ARTICLE—or ARRANGE for its MANUFACTURE and DISTRIBUTION.

State full particulars, 174/209, Office of this Paper.

£100—COMPLETE SET of Fittings in mahogany, comprising 12 ft. Drug Fitting complete with cupboards, drug drawers, lockers, uprights, and shelves; 12 ft Counter with glass cases in front; 8 ft. Wall Showcase; 6 ft Dispensing Screen with full plate-glass mirror in centre; two nests of Counter Drawers. Full description and sketches sent on application to PHILIP JOSEPHS & SONS, LTD., 90/92 St John Street, Clerkenwell, E.C.1. "Pharmacy Fitters for Over a Century."

EXCHANGE COLUMN.

FOR DISPOSAL.

CASH REGISTER TILL for Sale; large cash capacity; "National" make; suit any business; good working order. F. E. Rogers, 23 Keats Way, Greenford Park, Middlesex.

CASH REGISTER TILL, £8 8s. model, solid mahogany, richly French polished, extra large cash capacity, check action, equal new; accept 45s.; smaller size, cost £5 5s., accept 20s.; approval willingly. Whiteley, 407 Mansfield Road, Nottingham.

CLEAR OUT—your Old or Damaged Stock of Photo Goods Why keep them any longer? Turn them into CASH.
I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers, Cards (any sizes), Old Photo Goods or Cameras, Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.
S. E. HACKETT, 23 July Road, Liverpool

WANTED.

IMMEDIATELY.—Photo Enlarger; gaslight; must be cheap. "J. S." Greenburn, Mill Street, Alyth, Perthshire.

WANTED TO PURCHASE complete set College Notes for Apothecaries' Hall Examination. "Chemist," 41 Market Street, Bolton, Lancs.

GOWER, Chemists' Bookseller, 41 Voltaire Road, Clapham, wants Pharmaceutical Books, including B.P., Pharmaceutical Formulas, B.P.C., P.J.F., Optical Books, Materia Medica Collections.

FLINTS, 2.7 mm. diameter, in bars 40-100 cm. long, required to be bought, outside trust; also interested in manufacturing process. Reply to "W. M. 5376," c/o Rudolf Mosse, Seilerstraße 2, Vienna I, Austria.

SECOND-HAND PILL MACHINES, 1, 3 and 5 gr., and Tooth Brush Display Case; approval if necessary. Druce & Co., 118 High Street, Oxford.

Price lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

"The Chemist and Druggist" COMPACT LIBRARY

PHARMACEUTICAL FORMULAS (P.F., Vol. 1).

The tenth edition of this, the most complete pharmaceutical formulary in the English language, comprises (1) selected formulas from the British, United States, and several other pharmacopoeias; (2) unofficial formulas from hospital pharmacopoeias and other sources, British, colonial and foreign; (3) known, admitted and approved remedies (218 pages) taken from previous editions of "Pharmaceutical Formulas" and from THE CHEMIST AND DRUGGIST Diaries; (4) concise descriptions of practical methods of manufacture, adapted to the retail shop; (5) an Appendix comprising laws and regulations governing the sale of poisons, the hours of closing, medicine-stamp duty, the use of spirits and many other data—e.g., a solubility table and chart. The volume contains 1146 pages. Price 15s., by post 15s. 9d.

THE ART OF DISPENSING.

The tenth edition of this well-known work is now ready. The book has been thoroughly revised and considerably improved, while maintaining the features which have made it so popular with several generations of students. It is kept by chemists in the dispensary for ready reference in cases of difficulties arising in the course of the day's work. Price 8s., by post 8s. 6d.

VETERINARY COUNTER PRACTICE.

Chemists interested in veterinary practice will find it indispensable, as it deals with the ailments of horses, cattle, sheep, pigs, dogs, and poultry, and the remedies that can be supplied. New edition, 1930 (Eighth), brings this book thoroughly up to date. Price 7s. 6d. net, by post 8s.

THE PHOTOGRAPHIC CHEMIST.

This is a concise guide to chemists commencing and carrying on a photographic department. The book is a reprint of the treatise in THE CHEMIST AND DRUGGIST DIARY, 1926, with additional chapters and formulas. Price 3s. 6d., by post 3s. 8d.

Published by "THE CHEMIST AND DRUGGIST," 28 Essex Street, LONDON, W.C.2
 Branch Offices: Manchester and Sheffield, England. Glasgow, Scotland. Melbourne and Sydney, Australia. Auckland, New Zealand.

PHARMACEUTICAL BOTANY.

An attractively written book dealing with the plants mentioned in the examination syllabus of the various pharmaceutical examining bodies. Botanical terms which at first sight are forbidding in appearance are explained so that the meaning is made crystal clear. A useful gift for apprentices and assistants who have not passed the qualifying examinations. Price 5s., by post 5s. 4d.

The "C. & D." PRICE LIST FORMULARY, "P.L.F."

All users of the C. & D. Retail and Dispensing Price List require a copy of this Formulary. It brings together the formulas for unofficial preparations, the prices of which are quoted in the Price List. It is a choice collection of good formulas for articles in every-day request by the public. Price 2s. 6d., post free.

PRACTICAL METHODS OF URINE ANALYSIS.

This department of chemistry is one which those behind the drug counter can profitably cultivate. The object of this book is to give chemists exactly the information they want on the subject. The book is written by a working pharmacist who is expert in the subject, and has been revised by a M.B.Lond. (3rd Edition.) Price 3s. 6d. net, by post 3s. 8d.

THE CHEMISTS' DICTIONARY OF MEDICAL TERMS AND TREATMENT.

A small book which explains the meaning of medical terms as to which customers often inquire from chemists. In addition to concise definitions of these technical terms, notes are given on treatment of the more important ailments. Price 3s. 6d., by post 3s. 8d.

PROVINCIAL HOSPITAL PHARMACOPOEIAS.

Uniform with the "Chemists' Dictionary," contains 296 pages and consists of formulas for medical prescriptions used in twenty-two hospitals and infirmaries in Great Britain outside the London District. Price 3s. net, by post 3s. 2d.

WOOTTON'S CHRONICLES OF PHARMACY.

In two vols., maroon cloth, comprising 770 pages. Price 10s. 6d. net, by post 11s. 3d.

